

TABLES

**CUMMINGS
RITER**

Table 1
Summary of RFI Soil Characterization Program
General Chemical Corporation
Delaware Valley Works Facility
Claymont, Delaware

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SWMU, AOC, or Borehole I.D.	Location Description (1)	No. Samples (excluding QA/QC)	Sample Depth	Sample I.D.	Analytical Program	Comments
S SWMU-1	Phosphatic Acid Storage Pond (North Pond)	2	0-6 in.	B1-A, B1-B	Appendix IX Metals, mercury, pH	
N SWMU-16	Past Landfill - Area IV	9	2.5-3.0 ft. 1.5-2.0 ft. 4.0-10.0 in. 0-6 in.	B16-A B16-B B16-C B16-D through B16-I	Appendix IX VOCs, SVOCs, OCPs, OPPs, herbicides, metals, mercury, cyanide, pH	The USEPA's project oversight collected (split) deep soil samples (B16-A and B16-B)
A SWMU-21	Past Landfill - Area IX (related to SWMUs 22 and 30)	11	0-6 in.	B21-A through B21-K	Appendix IX VOCs, SVOCs, OCPs, OPPs, herbicides, metals, mercury, cyanide, pH	
N SWMU-22	Past Landfill - Area X (refer to SWMU-21 above)					
N SWMU-23	Past Landfill - Area XI	7	2 ft. 0-6 in.	B23-A B23-B through B23-G	Appendix IX VOCs, SVOCs, OCPs, OPPs, herbicides, metals, mercury, cyanide, pH	The USEPA's project oversight collected (split) a deep soil sample (B23-A)
N SWMU-27	EPS - North	5	0-6 in.	B27-A through B27-E	Appendix IX VOCs, SVOCs, OCPs, OPPs, herbicides, metals, mercury, cyanide, pH	
S SWMU-28	Hypo Muds Accumulation	3	0-6 in.	B28-A through B28-C	Appendix IX Metals, mercury, pH	The southern area was capped with asphalt and, therefore, samples B28-D, B28-E, and B28-F could not be collected.
N SWMU-30	East and West Lagoons (refer to SWMU-21 above)					
S AOC-1	Tank 15 Spill Area	2	0-6 in.	BT15-A and BT15-B	Appendix IX Metals, mercury, pH	
N AOC-3	Pesticide Investigation/ Remediation Areas (North Plant)	7	0-6 in.	BPA-A through BPA-G	Appendix IX OCPs, OPPs, herbicides	
S AOC-4	Conrail Fuel Spill Area	2	0-6 in.	BCF-A and BCF-B	Appendix IX VOCs, SVOCs	
S SWMU-5	Spar Building Storage Area	4	0-6 in.	B5-A through B5-D	Appendix IX Metals, VOCs, SVOCs, and mercury, pH	Sample depth denotes from original ground surface after the overlying fill materials had been removed.
S SWMU-10	South Waste Treatment Storage Pad	NA (2)	NA	NA	NA	Samples were not collected within SWMU-10 because the concrete pad was determined to be intact. One sample from each quadrant was originally recommended and approved by the USEPA for collection if the pad was missing or severely deteriorated. Samples were to be analyzed for Appendix IX metals, mercury, and pH
S SWMU-3	Red Mud Slurry Pond A	NA	NA	NA	NA	No soil sample collection designated for this area because of previous asphalt capping.
S SWMU-6	Drum Storage, South Treatment Plant	NA	NA	NA	NA	No soil sample collection designated for this area because of previous capping with asphalt or concrete.

Table 1
Summary of RFI Soil Characterization Program
General Chemical Corporation
Delaware Valley Works Facility
Claymont, Delaware

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SWMU, AOC, or Borehole I.D.	Location Description (1)	No. Samples (excluding QA/QC)	Sample Depth	Sample I.D.	Analytical Program	Comments
BH-MW-101	South Plant	1	6.0-8.0 ft.	MW-101	Total Organic Carbon	Collected immediately above the water table.
BH-MW-102	North Plant	1	12.0-13.1 ft.	MW-102	Total Organic Carbon	Collected immediately above the water table.
BH-MW-103	South Plant	1	6.0-8.0 ft.	MW-103	Total Organic Carbon	Collected immediately above the water table.
BH-MW-104	North Plant	1	8.0-10.0 ft.	MW-104	Total Organic Carbon	Collected immediately above the water table.
BH-MW-105	South Plant	1	10.0-11.0 ft.	MW-105	Total Organic Carbon	Collected immediately above the water table.
BH-MW-106	South Plant	1	6.0-7.0 ft.	MW-106	Total Organic Carbon	Collected immediately above the water table.
BH-MW-107	South Plant	1	6.0-8.0 ft.	MW-107	Total Organic Carbon	Collected immediately above the water table.
BH-MW-108	South Plant	1	2.0-4.0 ft.	MW-108	Total Organic Carbon	Collected immediately above the water table.
BH-MW-109	South Plant	1	8.0-10.0 ft	MW-109	Total Organic Carbon	Collected immediately above the water table.
BH-MW-110	South Plant	1	6.0-8.0 ft.	MW-110	Total Organic Carbon	Collected immediately above the water table.
BH-MW-111	South Plant	1	6.0-8.0 ft.	MW-111	Total Organic Carbon	Collected immediately above the water table.
BH-MW-112	South Plant	1	6.0-8.0 ft.	MW-112	Total Organic Carbon	Collected immediately above the water table.
BH-MW-113	South Plant	1	9.0-10.8 ft.	MW-113	Total Organic Carbon	Collected immediately above the water table.
BH-MW-114	South Plant	1	8.0-10.0 ft.	MW-114	Total Organic Carbon	Collected immediately above the water table.
BH-MW-115	South Plant	1	8.0-10.0 ft.	MW-115	Total Organic Carbon	Collected immediately above the water table.
BH-MW-116	North Plant	1	8.0-10.0 ft.	MW-116	Total Organic Carbon	Collected immediately above the water table.
BH-MW-117	North Plant	1	8.0-10.0 ft.	MW-117	Total Organic Carbon	Collected immediately above the water table.

Footnotes

(1) Soil sampling locations are depicted in the attached figures.

(2) NA denotes not applicable.

* All soil samples were field screened with an organic vapor analyzer.

Table 2
Summary of RFI Soil QA/QC Program
General Chemical Corporation
Delaware Valley Works Facility
Claymont, Delaware

Type of QA/QC Sample	Frequency of Collection	Parameter Applicability								Comments
		Appendix IX VOCs	Appendix IX SVOCs	Appendix IX OCPs	Appendix IX OPPs	Appendix IX Herbicides	TOC	Appendix IX Metals + Mercury	Cyanide	
Field Duplicate	1 per 20 samples, 1 per day of sampling, or 1 per matrix type, whichever is greater	YES	YES	YES	YES	YES	YES	YES	YES	* Collect duplicate samples from well locations for which all parameters are to be analyzed.
Rinse Blank (aqueous)	1 per 20 samples, 1 per day of sampling, or 1 per matrix type, whichever is greater	YES	YES	YES	YES	YES	YES	YES	YES	* Collected from area of facility that is most impacted. * D.I. Rinse over and through sampling devices.
Trip Blank (aqueous)	1 per cooler containing samples for VOC analysis	YES	no	no	no	no	no	no	no	
Matrix Spike	1 per 20 samples	YES	YES	YES	YES	YES	YES	YES	YES	
Matrix Spike Duplicate	1 per 20 samples	YES	YES	YES	YES	YES	YES	no	no	
Laboratory Duplicate	1 per 20 samples	no	no	no	no	no	no	YES	YES	

Table 3

Groundwater Monitoring Program
Initial RFI Monitoring Event
General Chemical Corporation
Delaware Valley Works Facility
Claymont, Delaware

<u>Monitoring Well Identification</u>	<u>Groundwater Levels</u>	<u>LNAPL/DNAPL Measurements</u>	<u>Appendix IX VOCs</u>	<u>Appendix IX SVOCs</u>	<u>Appendix IX OCPs</u>	<u>Appendix IX OPPs</u>	<u>Appendix IX Herbicides</u>	<u>Appendix IX Total Metals and Mercury</u>	<u>Appendix IX Dissolved Metals and Mercury</u>	<u>Cyanide</u>	<u>pH</u>	<u>Dioxin/Furan</u>
MW-1	X	X	X	X	X	X	X	X	X	X	X	
MW-2	X	X	X	X	X	X	X	X	X	X	X	
MW-3	X	X	X	X	X	X	X	X	X	X	X	
MW-4	X	X	X	X	X	X	X	X	X	X	X	
MW-5	X	X	X	X	X	X	X	X	X	X	X	
MW-6	X	X	X	X	X	X	X	X	X	X	X	
MW-7	X	X	X	X	X	X	X	X	X	X	X	
MW-8	X	X	X	X	X	X	X	X	X	X	X	
MW-9	X	X	X	X	X	X	X	X	X	X	X	
MW-10	X	X	X	X	X	X	X	X	X	X	X	
MW-11	X	X	X	X	X	X	X	X	X	X	X	
MW-12	X	X	X	X	X	X	X	X	X	X	X	
MW-13	X	X	X	X	X	X	X	X	X	X	X	
MW-14	X	X	X	X	X	X	X	X	X	X	X	
MW-15	X	X	X	X	X	X	X	X	X	X	X	
MW-16	X	X	X	X	X	X	X	X	X	X	X	
MW-17	X	X	X	X	X	X	X	X	X	X	X	
B-1	X	X						X				
B-2	X	X	X	X	X	X	X	X	X	X	X	
B-2D	X	X	X	X	X	X	X	X	X	X	X	
B-3	X	X						X				
B-4	X	X						X				
B-5	X	X						X				
B-5D	X	X						X				
SAL-1	X	X	X	X	X	X	X	X	X	X	X	
SAL-3	X	X	X	X	X	X	X	X	X	X	X	
SAL-4	X											
EWL-5	X	X	X	X	X	X	X	X	X	X	X	
EWL-6	X	X	X	X	X	X	X	X	X	X	X	X
EWL-7	X											
EWL-8	X	X	X	X	X	X	X	X	X	X	X	
EWL-9	X											

Table 4

**Groundwater Monitoring Program
Second RFI Monitoring Event
General Chemical Corporation
Delaware Valley Works Facility
Claymont, Delaware**

Monitoring Well Identification	Groundwater Levels	LNAPL/DNAPL Measurements	Appendix IX VOCs	Appendix IX SVOCs	Appendix IX OCPs	Appendix IX OPPs	Appendix IX Herbicides	Appendix IX Total Metals and Mercury	Appendix IX Dissolved Metals and Mercury	Cyanide	pH	Dioxin/Furan
MW-101	X	X	X	X	X	X	X	X	X	X	X	
MW-102	X	X	X	X	X	X	X	X	X	X	X	X
MW-103	X	X	X	X	X	X	X	X	X	X	X	X
MW-104	X	X	X	X	X	X	X	X	X	X	X	X
MW-105	X	X	X	X	X	X	X	X	X	X	X	X
MW-106	X	X	X	X	X	X	X	X	X	X	X	X
MW-107	X	X	X	X	X	X	X	X	X	X	X	X
MW-108	X	X	X	X	X	X	X	X	X	X	X	X
MW-109	X	X	X	X	X	X	X	X	X	X	X	X
MW-110	X	X	X	X	X	X	X	X	X	X	X	X
MW-111	X	X	X	X	X	X	X	X	X	X	X	X
MW-112	X	X	X	X	X	X	X	X	X	X	X	X
MW-113	X	X	X	X	X	X	X	X	X	X	X	X
MW-114	X	X	X	X	X	X	X	X	X	X	X	X
MW-115	X	X	X	X	X	X	X	X	X	X	X	X
MW-116	X	X	X	X	X	X	X	X	X	X	X	X
MW-117	X	X	X	X	X	X	X	X	X	X	X	X
B-1	X	X						X	X			X
B-2	X	X	X	X	X	X	X	X	X	X	X	X
B-2D	X	X	X	X	X	X	X	X	X	X	X	X
B-3	X	X						X	X			X
B-4	X	X						X	X			X
B-5	X	X						X	X			X
B-5D	X	X	X	X	X	X	X	X	X	X	X	X
SAL-1	X	X	X	X	X	X	X	X	X	X	X	X
SAL-3	X	X	X	X	X	X	X	X	X	X	X	X
SAL-4	X											
EWL-5	X	X	X	X	X	X	X	X	X	X	X	X
EWL-6	X	X	X	X	X	X	X	X	X	X	X	X
EWL-7	X											
EWL-8	X	X	X	X	X	X	X	X	X	X	X	X
EWL-9	X											

Table 5
Summary of Groundwater QA/QC Program
Initial and Second RFI Monitoring Events
General Chemical Corporation
Delaware Valley Works Facility
Claymont, Delaware

Type of Blank	Frequency of Collection	Parameter Applicability										Comments
		Appendix IX VOCs	Appendix IX SVOCs	Appendix IX OCPs	Appendix IX OPPs	Appendix IX Herbicides	Appendix IX Total Metals + Mercury	Appendix IX Dissolved Metals + Mercury	Cyanide	pH	Dioxin/Furan	
Field Duplicate	1 per 20 samples, 1 per day of sampling, or 1 per matrix type, whichever is greater	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	* Collect duplicate samples from a location for which the most constituents are analyzed
Rinsate Blank	1 per 20 samples, 1 per day of sampling, or 1 per matrix type, whichever is greater	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	* Collected from area of facility that is most impacted. * Final D.I. rinse through sampling device
Trip Blank	1 per cooler containing samples for VOC analysis	YES	no	no	no	no	no	no	no	no	no	
Matrix Spike	1 per 20 samples	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	
Matrix Spike Duplicate	1 per 20 samples	YES	YES	YES	YES	YES	no	no	no	no	YES	
Laboratory Duplicate	1 per 20 samples	no	no	no	no	no	YES	YES	YES	YES	no	

Table 6
Summary of RFI Groundwater Monitoring Well Construction
General Chemical Corporation
Delaware Valley Works Facility
Claymont, Delaware

Monitoring Well I.D.	Ground Surface Elevation (ft msl) ⁽¹⁾	Top Inner Casing Elevation (ft msl)	Top Outer Casing Elevation (ft msl)	Borehole Diameter (in)	Borehole Total Depth (ft) ⁽²⁾	Total Well Depth (ft) ⁽²⁾	Screened Interval (ft) ⁽³⁾	Communication Interval (ft) ⁽⁴⁾	Inner Casing Diameter/Material (in)	Communicating Lithology(ies)
MW-101	16.70	18.92	19.78	8	15.9	15.9	5.9-15.9	4.0-15.9	2/PVC	silty clay, clay, clayey sand and gravel, and sand and gravel
MW-102	32.60	34.91	35.29	8	19.2	19.2	9.2-19.2	7.0-19.2	2/PVC	silty clay, sand, sandy clay, and clayey sand
MW-103	30.74	30.35	30.74	8	16.0	15.5	5.5-15.5	3.5-15.5	2/PVC	silty clay, clayey silt, sandy silt, and sand and gravel
MW-104	28.40	30.41	31.27	8	16.9	16.7	6.7-16.7	4.0-16.7	2/PVC	clayey silt, sand, sand and gravel, and weathered saprolite
MW-105	24.89	24.40	24.89	8	18.4	18.4	8.4-18.4	6.0-18.4	2/PVC	clayey silt, silty clay, and sand and gravel
MW-106	9.99	9.61	9.99	8	16.0	15.8	5.8-15.8	4.0-15.8	2/PVC	clayey silt, sand, and sand and gravel
MW-107	11.90	14.17	14.78	8	16.0	16.0	6.0-16.0	4.0-16.0	2/PVC	silty clay, clayey silt, sandy silt, and sand and gravel
MW-108	9.80	12.11	12.77	8	16.0	14.9	4.9-14.9	3.0-14.9	2/PVC	fill material
MW-109	13.57	12.95	13.57	8	18.0	17.4	7.4-17.4	5.0-17.4	2/PVC	fill material, sandy silt, and silty clay
MW-110	11.10	10.71	11.10	8	16.0	15.3	5.3-15.3	3.5-15.3	2/PVC	fill material, and sandy silt
MW-111	9.20	10.88	11.63	8	18.0	15.7	5.7-15.7	4.0-15.7	2/PVC	fill material, clayey silt, peat, and silty clay
MW-112	28.00	27.51	28.00	8	18.0	16.4	6.4-16.4	4.0-16.4	2/PVC	silty sand, silty clay, sandy silt, sand and gravel, and weathered saprolite
MW-113	16.10	18.55	18.64	8	20.3	20.3	10.3-20.3	8.0-20.3	2/PVC	fill material, and silty clay
MW-114	10.30	12.59	13.00	8	20.2	20.2	10.2-20.2	8.0-20.2	2/PVC	sandy silt, clayey silt, and sand and gravel
MW-115	12.90	15.19	15.81	8	16.0	15.8	5.8-15.8	4.0-15.8	2/PVC	fill material, silty clay, silty gravel, and sand and gravel
MW-116	31.60	33.46	34.45	8	16.9	16.9	6.9-16.9	5.0-16.9	2/PVC	clay, silty clay, clayey silt, sand, and sand and gravel
MW-117	30.59	29.85	30.59	8	19.0	16.6	6.6-16.6	4.0-16.6	2/PVC	fill material, silty clay, sand, and weathered saprolite

Footnotes:

⁽¹⁾ Represents feet above mean sea level.

⁽²⁾ Represents depth in feet below ground surface.

⁽³⁾ Values denote the depth in feet below ground surface to the top of the well screen/base of the well screen.

⁽⁴⁾ Values denote the depth in feet below ground surface to the top of the sand pack/base of the sand pack.

Table 7
Summary of Survey Data⁽¹⁾
RFI Soil Sampling Locations
General Chemical Corporation
Delaware Valley Works Facility
Claymont, Delaware

Survey Point Identification	Northing	Easting	Ground Surface Elevation (ft msl) ⁽²⁾
Soil Sample B27-A	660015.9	494056.9	32.4
Soil Sample B27-B	660021.0	494073.7	32.5
Soil Sample B27-C	660026.9	494089.6	32.3
Soil Sample B27-D	660024.1	494118.0	32.2
Soil Sample B27-E	660004.5	494130.3	32.7
Soil Sample B21-A	660213.8	494277.0	38.3
Soil Sample B21-B	660145.9	494164.8	38.1
Soil Sample B21-C	660093.7	494150.4	35.3
Soil Sample B21-D	660046.5	494153.9	33.5
Soil Sample B21-E	659982.4	494164.1	32.8
Soil Sample B21-F	659964.2	494210.8	32.2
Soil Sample B21-G	659981.1	494276.5	32.2
Soil Sample B21-H	659999.9	494380.1	32.0
Soil Sample B21-I	660065.9	494414.0	33.3
Soil Sample B21-J	660153.8	494390.7	33.8
Soil Sample B21-K	660205.1	494378.0	34.3
Soil Sample B23-A	659793.7	494439.9	30.9
Soil Sample B23-B	659788.8	494440.9	30.8
Soil Sample B23-C	659796.4	494436.7	31.0
Soil Sample B23-D	659798.6	494440.0	30.9
Soil Sample B23-E	659786.6	494444.5	31.0
Soil Sample B23-F	659789.6	494460.0	31.4
Soil Sample B23-G	659799.9	494453.4	31.4
Soil Sample B5-A	658014.7	495654.4	13.7
Soil Sample B5-B	658056.9	495621.9	13.5
Soil Sample B5-C	658111.7	495697.1	15.0
Soil Sample B5-D	658091.5	495739.6	14.4
Soil Sample B1-A	657669.2	495531.0	12.1
Soil Sample B1-B	657687.3	495575.6	12.1
Soil Sample B28-A	659115.4	495400.8	12.1
Soil Sample B28-B	659132.1	495421.1	12.1
Soil Sample B28-C	659141.5	495437.2	12.0
Soil Sample B16-A	660775.7	495303.7	32.3
Soil Sample B16-B	660762.2	495280.6	32.4
Soil Sample B16-C	660748.9	495292.3	31.8
Soil Sample B16-D	660738.4	495274.1	32.0
Soil Sample B16-E	660754.2	495301.5	32.0
Soil Sample B16-F	660760.9	495310.8	31.9
Soil Sample B16-G	660780.8	495316.6	32.2
Soil Sample B16-H	660777.3	495295.7	32.4
Soil Sample B16-I	660741.2	495263.6	31.8

Table 7
(Continued)

Survey Point Identification	Northing	Easting	Ground Surface Elevation (ft msl)⁽²⁾
Soil Sample BCF-A	658080.7	495856.7	10.3
Soil Sample BCF-B	658046.7	495835.6	10.3
Soil Sample BPA-A	660737.0	494721.4	31.9
Soil Sample BPA-B	660739.5	494773.6	31.8
Soil Sample BPA-C	660799.9	494805.1	32.0
Soil Sample BPA-D	660797.7	494859.8	32.4
Soil Sample BPA-E	660854.9	494880.7	32.3
Soil Sample BPA-F	660628.1	495743.3	32.0
Soil Sample BPA-G	660589.3	495767.4	31.7
Soil Sample BT-15A	658110.0	494864.7	10.5
Soil Sample BT-15B	658120.1	494878.7	10.4
Corner of Landfill (SWMU-16)	660743.6	495286.2	31.7
Corner of Landfill (SWMU-16)	660757.1	495309.9	31.9
Corner of Landfill (SWMU-16)	660772.6	495301.4	32.1
Corner of Landfill (SWMU-16)	660757.8	495277.6	32.0
Corner of Landfill (SWMU-23)	659788.3	494447.6	30.8
Corner of Landfill (SWMU-23)	659787.0	494454.5	30.7
Corner of Landfill (SWMU-23)	659793.8	494456.1	31.1
Corner of Landfill (SWMU-23)	659795.4	494449.3	31.0

⁽¹⁾ Surveying work was conducted during the period from January 23 through January 28, 2003.

⁽²⁾ Feet above mean sea level.

Table 8
Summary of Survey Data⁽¹⁾
RFI and Existing Groundwater Monitoring Wells
General Chemical Corporation
Delaware Valley Works Facility
Claymont, Delaware

Monitoring Well	Northing	Easting	Top of PVC Elevation (ft msl) ⁽²⁾	Top of Casing or Manhole Elevation ⁽³⁾ (ft msl)	Ground Surface Elevation (ft msl)
MW-101	659050.70	495733.64	18.92	19.78	16.7
MW-102	659793.07	494016.72	34.91	35.29	32.6
MW-103	659660.95	494790.54	30.35	30.74	30.74
MW-104	660157.97	495649.23	30.41	31.27	28.4
MW-105	658733.66	494588.83	24.40	24.89	24.89
MW-106	658378.41	495611.11	9.61	9.99	9.99
MW-107	657832.70	494896.65	14.17	14.78	11.9
MW-108	657403.01	495711.99	12.11	12.77	9.8
MW-109	657230.02	495505.11	12.95	13.57	13.57
MW-110	657076.04	495361.56	10.71	11.10	11.10
MW-111	657168.71	495204.75	10.88	11.63	9.2
MW-112	659457.63	494350.84	27.51	28.00	28.00
MW-113	658145.20	496016.08	18.55	18.64	16.1
MW-114	658176.04	495168.51	12.59	13.00	10.3
MW-115	658216.91	494784.43	15.19	15.81	12.9
MW-116	659714.86	494305.41	33.46	34.45	31.6
MW-117	660141.94	495291.19	29.85	30.59	30.59
B-1	657292.70	495653.63	14.13	14.43	11.7
B-2	657242.55	495682.98	10.52	11.85	9.5
B-2D	657246.64	495680.50	9.21	9.48	9.48
B-3	657251.38	495694.55	11.74	12.12	9.8
B-4	657238.29	495667.66	11.54	11.93	9.3
B-5	657383.76	495625.89	14.32 ⁽⁴⁾	14.55	11.7
B-5D	657375.34	495622.01	14.80	15.07	11.8
EWL-5	659980.33	494348.53	33.79	NA ⁽⁶⁾	32.08
EWL-6	659960.49	494227.79	31.84	32.22	32.22
EWL-7	660034.60	494152.96	32.55	33.28	33.28
EWL-8	660168.19	494155.63	35.94	36.59	36.59
EWL-9	660101.49	494423.55	31.53	32.26	32.26
SAL-1	658940.47	494560.87	27.45	27.90	27.90
SAL-3	658811.52	494744.74	18.75	19.02	19.02
SAL-4	658891.68	494723.16	(5)	21.10	21.10

⁽¹⁾Surveying work was conducted during the period from January 23 through January 28, 2003.

⁽²⁾Feet above mean sea level.

⁽³⁾Where this elevation is equivalent to the ground surface elevation, the well is completed with a manhole box/cover mounted flush with the ground surface.

⁽⁴⁾PVC cap was frozen in place.

⁽⁵⁾Manhole filled with soil.

⁽⁶⁾NA = Not applicable.

Table 9
Summary of RFI Groundwater Elevations
General Chemical Corporation
Delaware Valley Works Facility
Claymont, Delaware

Monitoring Well	Top of PVC Elevation (ft msl) ⁽¹⁾	Ground Surface Elevation (ft msl)	Groundwater Elevations					
			February 3, 2003		May 27, 2003		July 7, 2003	
			Water Level ⁽²⁾ (ft)	Elevation (ft msl)	Water Level (ft)	Elevation (ft msl)	Water Level (ft)	Elevation (ft msl)
MW-101	18.92	16.70	9.34	9.58	9.12	9.80	9.35	9.57
MW-102	34.91	32.60	11.52	23.39	11.11	23.80	10.91	24.00
MW-103	30.35	30.74	7.05	23.30	5.92	24.43	6.57	23.78
MW-104	30.41	28.40	6.01	24.40	5.70	24.71	6.32	24.09
MW-105	24.40	24.89	9.20	15.20	8.64	15.76	8.08	16.32
MW-106	9.61	9.99	5.43	4.18	4.45	5.16	5.31	4.30
MW-107	14.17	11.90	9.44	4.73	8.78	5.39	8.71	5.46
MW-108	12.11	9.80	7.31	4.80	6.82	5.29	6.95	5.16
MW-109	12.95	13.57	7.53	5.42	7.32	5.63	7.07	5.88
MW-110	10.71	11.10	6.22	4.49	5.71	5.00	5.35	5.36
MW-111	10.88	9.20	7.29	3.59	6.84	4.04	6.83	4.05
MW-112	27.51	28.00	6.00	21.51	5.16	22.35	5.11	22.40
MW-113	18.55	16.10	11.31	7.24	10.77	7.78	11.00	7.55
MW-114	12.59	10.30	7.03	5.56	6.98	5.61	6.98	5.61
MW-115	15.19	12.90	12.66 ⁽³⁾	8.11 ⁽⁴⁾	8.85 ⁽³⁾	8.82 ⁽⁴⁾	8.75 ⁽³⁾	8.63 ⁽⁴⁾
MW-116	33.46	31.60	10.12	23.34	9.51	23.95	9.31	24.15
MW-117	29.85	30.59	4.67	25.18	4.21	25.64	4.82	25.03
B-1	14.13	11.70	8.69	5.44	8.23	5.90	8.30	5.83
B-2	10.52	9.50	5.28	5.24	4.85	5.67	4.77	5.75
B-2D	9.21	9.48	3.92	5.29	3.63	5.58	3.49	5.72
B-3	11.74	9.80	6.55	5.19	6.06	5.68	5.98	5.76
B-4	11.54	9.30	6.23	5.31	5.83	5.71	5.71	5.83
B-5	14.32	11.70	8.88	5.44	8.32	6.00	8.46	5.86
B-5D	14.80	11.80	12.46	2.34	12.13	2.67	12.11	2.69
EWL-5	33.79	32.08	7.19	24.30 ⁽⁷⁾	8.89	24.90	9.85	23.94
EWL-6	31.84	32.22	7.40	24.44	6.57	25.27	6.55	25.29
EWL-7	32.55	33.28	6.85	25.70	6.05	26.50	6.37	26.18
EWL-8	35.94	36.59	3.06	32.88	2.33	33.61	2.34	33.60
EWL-9	31.53	32.26	7.06	24.47	6.67	24.86	6.84	24.69
SAL-1	27.45	27.90	8.28	19.17	7.66	19.79	6.95	20.50
SAL-3	18.75	19.02	6.50	12.25	6.26	12.49	6.30	12.45
SAL-4 ⁽⁵⁾	⁽⁶⁾	21.10	6.40	14.70	6.35	14.75	6.25	14.85

⁽¹⁾Feet above or below mean sea level.

⁽²⁾Measurement was collected at top of PVC, unless otherwise noted.

⁽³⁾Floating petroleum product on the surface of groundwater at this location.

⁽⁴⁾A calculated elevation using the specific gravity of kerosene.

⁽⁵⁾Ground surface elevation was used in calculating the groundwater elevation. Water level measurements collected at ground surface.

⁽⁶⁾PVC was not accessible at the time surveying was conducted at the site.

⁽⁷⁾A PVC extension measuring 2.3 feet was added to the top of the monitoring well in February 2003 after collecting the water

level at this location. Therefore, the original Top of PVC Elevation of 31.49 ft. msl was used in calculating the groundwater elevation.

Table 10A
Summary of Soil Analytical Results
SWMU 1 - North Phosphoric Acid Storage Pond
General Chemical Corporation
Delaware Valley Works Facility
Claymont, Delaware

Parameters	Method	Units	Sample Identification and Date Sampled	
			B1-A (0.0'-0.5')	B1-B (0.0'-0.5')
			12/11/2002	12/11/2002
General Chemistry				
pH	9045	pH	4.57	5.15
Metals				
Antimony	6010B	mg/kg	0.58 B	1 B
Arsenic	6010B	mg/kg	7.3	9
Barium	6010B	mg/kg	45 L	55 L
Beryllium	6010B	mg/kg	0.56	0.51
Cadmium	6010B	mg/kg	0.25	0.33
Chromium	6010B	mg/kg	24	30
Cobalt	6010B	mg/kg	5.6	5.4
Copper	6010B	mg/kg	12	18
Lead	6010B	mg/kg	15 J	38 J
Mercury	7471	mg/kg	0.037	0.068
Nickel	6010B	mg/kg	10	9.9
Selenium	6010B	mg/kg	0.7	1.2
Silver	6010B	mg/kg	0.2 U	0.21 U
Thallium	6010B	mg/kg	2 U	2.1 U
Tin	6010B	mg/kg	3.6 B	4.7 B
Vanadium	6010B	mg/kg	33	40
Zinc	6010B	mg/kg	32	37 R

Notes:

U - Not Detected - The associated number indicates approximate sample concentration necessary to be detected.

J - Analyte Present - Reported value may not be accurate or precise.

D - Analyte Present - Results reported from diluted analysis.

B - Not Detected - Not detected substantially above the level reported in the laboratory or field blanks.

R - Unusable Results - Analyte may or may not be present in the sampling.

UJ - Not Detected - Quantitation limit may be inaccurate or imprecise.

K - Analyte Present - Reported value may be biased high. Actual value is expected to be lower.

L - Analyte Present - Reported value may be biased low. Actual value is expected to be higher.

N - Consider Present - Tentative identification. Special methods may be needed to confirm its presence or absence in future sampling efforts.

ND - Denotes none detected.

NA - Denotes not applicable.

Table 10B

Summary of Soil Analytical Results
SWMU 5 - Spar Building Storage Area
General Chemical Corporation
Delaware Valley Works Facility
Claymont, Delaware

Parameters	Method	Units	Sample Identification and Date Sampled							
			B5-A (1.2'-1.7') 11/21/2002	B5-A Field Dup (1.2'-1.7') 11/21/2002	B5-A Lab Dup (1.2'-1.7') 11/21/2002	B5-A MS (1.2'-1.7') 11/21/2002	B5-A MSD (1.2'-1.7') 11/21/2002	B5-B (1.3'-1.8') 11/21/2002	B5-C (1.4'-1.9') 11/21/2002	B5-D (1.8'-2.3') 11/21/2002
General Chemistry										
pH	9045	pH	4.19 J	7.99 J	7.58	4.76	NA	4.14 J	5.9 J	7.04 J
Metals										
Antimony	6010B	mg/kg	6.3	11	6.2	45	NA	8.2	7.9	4.9
Arsenic	6010B	mg/kg	340	560	430	350	NA	170	150	92
Barium	6010B	mg/kg	180 K	260 K	190	280	NA	220 K	200 K	190 K
Beryllium	6010B	mg/kg	0.96 J	0.85 J	0.18 J	48	NA	0.53 J	0.54 J	0.33 J
Cadmium	6010B	mg/kg	1.6 J	2.5 J	1.1	47	NA	3 J	3.5 J	1.7 J
Chromium	6010B	mg/kg	39 J	43 J	19	85	NA	130 J	30 J	31 J
Cobalt	6010B	mg/kg	16 J	21 J	9	58	NA	35 J	20 J	15 J
Copper	6010B	mg/kg	200 J	320 J	130	240	NA	300 J	200 J	170 J
Lead	6010B	mg/kg	550	900	400	550	NA	700	470	390
Mercury	7471	mg/kg	15 J	46	7.4 D	16 D	NA	7.1 J	10 J	4.6 J
Nickel	6010B	mg/kg	21 J	33 J	8.5	65	NA	32 J	35 J	18 J
Selenium	6010B	mg/kg	42 J	66 J	14	90	NA	39 J	34 J	43 J
Silver	6010B	mg/kg	1.6	2.8	1.3	27	NA	3	2.5	1.8
Thallium	6010B	mg/kg	2 U	2 U	2.3 U	44	NA	2 U	2 U	2.2 U
Tin	6010B	mg/kg	25	42	24	70	NA	130	34	15 B
Vanadium	6010B	mg/kg	61 J	71 J	40	110	NA	44 J	37 J	41 J
Zinc	6010B	mg/kg	250 J	440 J	140	300	NA	500 J	260 J	200 J
Semivolatile Organic Compounds										
Acenaphthene	8270C	ug/kg	420 J	400 UJ	NA	1700	1900	830 J	390 UJ	370 UJ
Acenaphthylene	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
Acetophenone	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
2-Acetylaminofluorene	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
4-Aminobiphenyl	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
Aniline	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
Anthracene	8270C	ug/kg	420 UJ	230 J	NA	380 U	410 U	2500 J	510 J	370 UJ
Aramite	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
Benzo(a)anthracene	8270C	ug/kg	340 J	800 J	NA	400	310 J	7700 J	1100 J	480 J
Benzo(a)pyrene	8270C	ug/kg	300 J	860 J	NA	410	280 J	7500 J	1000 J	470 J
Benzo(b)fluoranthene	8270C	ug/kg	360 J	1100 J	NA	450	300 J	6900 J	1100 J	550 J
Benzo(ghi)perylene	8270C	ug/kg	240 J	650 J	NA	350 J	240 J	4300 J	730 J	380 J
Benzo(k)fluoranthene	8270C	ug/kg	360 J	930 J	NA	530	290 J	6900 J	1200 J	540 J
Benzoic Acid	8270C	ug/kg	1000 UJ	1000 UJ	NA	950 U	1000 U	1900 UJ	990 UJ	920 UJ
Benzyl alcohol	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
Bis(2-Chloroethoxy)methane	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
Bis(2-Chloroethyl)ether	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
Bis(2-Chloroisopropyl)ether	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
Bis(2-Ethylhexyl)phthalate	8270C	ug/kg	510 J	2200 J	NA	330 J	310 J	1200 J	900 J	370 UJ
4-Bromophenyl-phenylether	8270C	ug/kg	420 J	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
Butylbenzylphthalate	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ

See notes at end of table.

Table 10B
(Continued)

Parameters	Method	Units	Sample Identification and Date Sampled							
			B5-A (1.2'-1.7') 11/21/2002	B5-A Field Dup (1.2'-1.7') 11/21/2002	B5-A Lab Dup (1.2'-1.7') 11/21/2002	B5-A MS (1.2'-1.7') 11/21/2002	B5-A MSD (1.2'-1.7') 11/21/2002	B5-B (1.3'-1.8') 11/21/2002	B5-C (1.4'-1.9') 11/21/2002	B5-D (1.8'-2.3') 11/21/2002
Carbazole	8270C	ug/kg	420 J	400 UJ	NA	NA	NA	670 J	390 UJ	370 UJ
4-Chloro-3-methylphenol	8270C	ug/kg	420 UJ	400 UJ	NA	3000	3100	770 UJ	390 UJ	370 UJ
4-Chloroaniline	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
Chlorobenzilate	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
2-Chloronaphthalene	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
2-Chlorophenol	8270C	ug/kg	420 UJ	400 UJ	NA	2300	2800	770 UJ	390 UJ	370 UJ
4-Chlorophenyl-phenylether	8270C	ug/kg	420 J	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
Chrysene	8270C	ug/kg	390 J	870 J	NA	450	310 J	7300 J	1100 J	510 J
o-Cresol	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
m,p-Cresol	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
Di-n-butylphthalate	8270C	ug/kg	420 J	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
Di-n-octylphthalate	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
Diallate	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
Dibenz(a,h)anthracene	8270C	ug/kg	420 UJ	230 J	NA	380 U	410 U	1500 J	280 J	370 UJ
Dibenzo-furan	8270C	ug/kg	420 J	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
1,2-Dichlorobenzene	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
1,3-Dichlorobenzene	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
1,4-Dichlorobenzene	8270C	ug/kg	420 UJ	400 UJ	NA	1300	1700	770 UJ	390 UJ	370 UJ
3,3'-Dichlorobenzidine	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
2,4-Dichlorophenol	8270C	ug/kg	420 J	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
2,6-Dichlorophenol	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
Diethylphthalate	8270C	ug/kg	420 J	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
7,12-Dimethylbenz(A)anthracene	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
Dimethoate	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
a,a-Dimethylphenethylamine	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
p-Dimethylaminoazobenzene	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
3,3'-Dimethylbenzidine	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
2,4-Dimethylphenol	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
Dimethylphthalate	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
4,6-Dinitro-2-methylphenol	8270C	ug/kg	840 J	830 UJ	NA	830 U	830 U	1500 UJ	830 UJ	830 UJ
1,3-Dinitrobenzene	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
2,4-Dinitrophenol	8270C	ug/kg	840 UJ	830 UJ	NA	830 U	830 U	1500 UJ	830 UJ	830 UJ
2,4-Dinitrotoluene	8270C	ug/kg	420 J	400 UJ	NA	1500	1500	770 UJ	390 UJ	370 UJ
2,6-Dinitrotoluene	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
Dinoseb	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
Diphenylamine	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
Disulfoton	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
Ethyl methanesulfonate	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
Famphur	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
Fluoranthene	8270C	ug/kg	530 J	1500 J	NA	740	600	10000 J	1500 J	650 J
Fluorene	8270C	ug/kg	420 J	400 UJ	NA	380 U	410 U	670 J	390 UJ	370 UJ
Hexachlorobenzene	8270C	ug/kg	420 J	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
Hexachlorobutadiene	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
Hexachlorocyclopentadiene	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
Hexachloroethane	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
Hexachlorophene	8270C	ug/kg	3400 UJ	3200 UJ	NA	3100 U	3300 U	6100 UJ	3200 UJ	3000 UJ
Hexachloropropene	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ

See notes at end of table.

Table 10B
(Continued)

Parameters	Method	Units	Sample Identification and Date Sampled							
			B5-A (1.2'-1.7') 11/21/2002	B5-A Field Dup (1.2'-1.7') 11/21/2002	B5-A Lab Dup (1.2'-1.7') 11/21/2002	B5-A MS (1.2'-1.7') 11/21/2002	B5-A MSD (1.2'-1.7') 11/21/2002	B5-B (1.3'-1.8') 11/21/2002	B5-C (1.4'-1.9') 11/21/2002	B5-D (1.8'-2.3') 11/21/2002
Indeno(1,2,3-cd)pyrene	8270C	ug/kg	220 J	590 J	NA	300 J	410 U	4000 J	740 J	350 J
Isodrin	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
Isophorone	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
Isosafrole	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
Kepone	8270C	ug/kg	420 R	400 R	NA	380 U	410 U	770 R	390 R	370 R
Methapyrilene	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
Methyl methanesulfonate	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
Methyl parathion	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
3-Methylcholanthrene	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
2-Methylnaphthalene	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
N-nitrosodi-n-butylamine	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
N-nitrosodi-n-propylamine	8270C	ug/kg	420 UJ	400 UJ	NA	1500	2000	770 UJ	390 UJ	370 UJ
N-nitrosodiethylamine	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
N-nitrosodimethylamine	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
N-nitrosodiphenylamine	8270C	ug/kg	420 J	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
N-nitrosomethylethylamine	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
N-nitrosomorpholine	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
N-nitrosopiperidine	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
N-nitrosopyrrolidine	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
Naphthalene	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
1,4-Naphthoquinone	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
1-Naphthylamine	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
2-Naphthylamine	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
5-Nitro-o-toluidine	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
2-Nitroaniline	8270C	ug/kg	840 UJ	830 UJ	NA	830 U	830 U	1500 UJ	830 UJ	830 UJ
3-Nitroaniline	8270C	ug/kg	840 J	830 UJ	NA	830 U	830 U	1500 UJ	830 UJ	830 UJ
4-Nitroaniline	8270C	ug/kg	840 J	830 UJ	NA	830 U	830 U	1500 UJ	830 UJ	830 UJ
Nitrobenzene	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
2-Nitrophenol	8270C	ug/kg	420 J	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
4-Nitrophenol	8270C	ug/kg	840 UJ	830 UJ	NA	2400	2700	1500 UJ	830 UJ	830 UJ
4-Nitroquinoline-1-oxide	8270C	ug/kg	420 R	400 R	NA	380 U	410 U	770 R	390 R	370 R
Parathion	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
Pentachlorobenzene	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
Pentachloroethane	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
Pentachloronitrobenzene	8270C	ug/kg	1000 UJ	1000 UJ	NA	950 U	1000 U	1900 UJ	990 UJ	920 UJ
Pentachlorophenol	8270C	ug/kg	840 J	830 UJ	NA	3100	3400	1500 UJ	830 UJ	830 UJ
Phenacetin	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
Phenanthrene	8270C	ug/kg	420 J	650 UJ	NA	250 J	330 J	9700 J	1100 J	470 J
Phenol	8270C	ug/kg	420 UJ	400 UJ	NA	2300	2800	770 UJ	390 UJ	370 UJ
1,4-Phenylenediamine	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
Phorate	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
2-Picoline	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
Pronamide	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
Pyrene	8270C	ug/kg	400 J	1000 J	NA	2100	2300	9300 J	1400 J	610 J
Pyridine	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
Safrole	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ

See notes at end of table.

Table 10B
(Continued)

Parameters	Method	Units	Sample Identification and Date Sampled							
			B5-A (1.2'-1.7') 11/21/2002	B5-A Field Dup (1.2'-1.7') 11/21/2002	B5-A Lab Dup (1.2'-1.7') 11/21/2002	B5-A MS (1.2'-1.7') 11/21/2002	B5-A MSD (1.2'-1.7') 11/21/2002	B5-B (1.3'-1.8') 11/21/2002	B5-C (1.4'-1.9') 11/21/2002	B5-D (1.8'-2.3') 11/21/2002
Indeno(1,2,3-cd)pyrene	8270C	ug/kg	220 J	590 J	NA	300 J	410 U	4000 J	740 J	350 J
Isodrin	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
Isophorone	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
Isosafrole	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
Kepone	8270C	ug/kg	420 R	400 R	NA	380 U	410 U	770 R	390 R	370 R
Methapyrilene	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
Methyl methanesulfonate	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
Methyl parathion	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
3-Methylcholanthrene	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
2-Methylnaphthalene	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
N-nitrosodi-n-butylamine	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
N-nitrosodi-n-propylamine	8270C	ug/kg	420 UJ	400 UJ	NA	1500	2000	770 UJ	390 UJ	370 UJ
N-nitrosodiethylamine	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
N-nitrosodimethylamine	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
N-nitrosodiphenylamine	8270C	ug/kg	420 J	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
N-nitrosomethylethylamine	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
N-nitrosomorpholine	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
N-nitrosopiperidine	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
N-nitrosopyrrolidine	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
Naphthalene	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
1,4-Naphthoquinone	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
1-Naphthylamine	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
2-Naphthylamine	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
5-Nitro-o-toluidine	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
2-Nitroaniline	8270C	ug/kg	840 UJ	830 UJ	NA	830 U	830 U	1500 UJ	830 UJ	830 UJ
3-Nitroaniline	8270C	ug/kg	840 J	830 UJ	NA	830 U	830 U	1500 UJ	830 UJ	830 UJ
4-Nitroaniline	8270C	ug/kg	840 J	830 UJ	NA	830 U	830 U	1500 UJ	830 UJ	830 UJ
Nitrobenzene	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
2-Nitrophenol	8270C	ug/kg	420 J	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
4-Nitrophenol	8270C	ug/kg	840 UJ	830 UJ	NA	2400	2700	1500 UJ	830 UJ	830 UJ
4-Nitroquinoline-1-oxide	8270C	ug/kg	420 R	400 R	NA	380 U	410 U	770 R	390 R	370 R
Parathion	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
Pentachlorobenzene	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
Pentachloroethane	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
Pentachloronitrobenzene	8270C	ug/kg	1000 UJ	1000 UJ	NA	950 U	1000 U	1900 UJ	990 UJ	920 UJ
Pentachlorophenol	8270C	ug/kg	840 J	830 UJ	NA	3100	3400	1500 UJ	830 UJ	830 UJ
Phenacetin	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
Phenanthrene	8270C	ug/kg	420 J	650 UJ	NA	250 J	330 J	9700 J	1100 J	470 J
Phenol	8270C	ug/kg	420 UJ	400 UJ	NA	2300	2800	770 UJ	390 UJ	370 UJ
1,4-Phenylenediamine	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
Phorate	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
2-Picoline	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
Pronamide	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
Pyrene	8270C	ug/kg	400 J	1000 J	NA	2100	2300	9300 J	1400 J	610 J
Pyridine	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
Safrole	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ

See notes at end of table.

Table 10B
(Continued)

Parameters	Method	Units	Sample Identification and Date Sampled							
			B5-A (1.2'-1.7') 11/21/2002	B5-A Field Dup (1.2'-1.7') 11/21/2002	B5-A Lab Dup (1.2'-1.7') 11/21/2002	B5-A MS (1.2'-1.7') 11/21/2002	B5-A MSD (1.2'-1.7') 11/21/2002	B5-B (1.3'-1.8') 11/21/2002	B5-C (1.4'-1.9') 11/21/2002	B5-D (1.8'-2.3') 11/21/2002
1,2,4,5-Tetrachlorobenzene	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
2,3,4,6-Tetrachlorophenol	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
Tetraethyl Dithiopyrophosphate	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
Thionazine	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
o-Tolidine	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
1,2,4-Trichlorobenzene	8270C	ug/kg	420 UJ	400 UJ	NA	1500	1900	770 UJ	390 UJ	370 UJ
2,4,5-Trichlorophenol	8270C	ug/kg	840 UJ	830 UJ	NA	830 U	830 U	1500 UJ	830 UJ	830 UJ
2,4,6-Trichlorophenol	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
0,0,0-Triethylphosphorothioate	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
1,3,5-Trinitrobenzene	8270C	ug/kg	420 UJ	400 UJ	NA	380 U	410 U	770 UJ	390 UJ	370 UJ
Semivolatile TICs										
o,p'-DDT	8270C	ug/kg	ND	20.14 NJ	NA	NA	ND	ND	ND	ND
4,4-Dichlorobenzophenone	8270C	ug/kg	ND	18.3 NJ	NA	NA	ND	ND	ND	ND
Unknown	8270C	ug/kg	49.44 NJ	262.81 NJ	NA	NA	467.1 NJ	20340 NJ	20110 NJ	
Unknown benzene isomer	8270C	ug/kg	41.77 NJ	15.23 NJ	NA	NA	ND	ND	ND	
Unknown DDE isomer	8270C	ug/kg	ND	19.49 NJ	NA	NA	ND	ND	ND	
Unknown hydrocarbon	8270C	ug/kg	37.99 NJ	17.17 NJ	NA	NA	ND	1100 NJ	ND	
Unknown pyrene isomer	8270C	ug/kg	ND	ND	NA	NA	ND	19.92 NJ	ND	
Volatile Organic Compounds										
1,1,1,2-Tetrachloroethane	8260	ug/kg	5.81 U	5.49 U	NA	NA	5.06 U	5.24 U	4.67 U	
✓ 1,1,1-Trichloroethane (Methyl chloroform)	8260	ug/kg	5.81 U	5.49 U	NA	NA	5.06 U	5.24 U	4.67 U	
1,1,2,2-Tetrachloroethane	8260	ug/kg	5.81 U	5.49 U	NA	NA	5.06 U	5.24 U	4.67 U	
1,1,2-Trichloroethane	8260	ug/kg	5.81 U	5.49 U	NA	NA	5.06 U	5.24 U	4.67 U	
1,1-Dichloroethane	8260	ug/kg	5.81 U	5.49 U	NA	NA	5.06 U	5.24 U	4.67 U	
1,1-Dichloroethene (Dichloroethylene)	8260	ug/kg	5.81 U	5.49 U	NA	NA	5.06 U	5.24 U	4.67 U	
1,2,3-Trichloropropane	8260	ug/kg	5.81 U	5.49 U	NA	NA	5.06 U	5.24 U	4.67 U	
1,2-Dibromo-3-chloropropane (DBCP)	8260	ug/kg	5.81 U	5.49 U	NA	NA	5.06 U	5.24 U	4.67 U	
1,2-Dibromoethane (Ethylene dibromide)	8260	ug/kg	5.81 U	5.49 U	NA	NA	5.06 U	5.24 U	4.67 U	
1,2-Dichloroethane (Ethylene dichloride)	8260	ug/kg	5.81 UJ	5.49 UJ	NA	NA	5.06 UJ	5.24 UJ	4.67 UJ	
1,2-Dichloropropane	8260	ug/kg	5.81 U	5.49 U	NA	NA	5.06 U	5.24 U	4.67 U	
1,4-Dioxane	8260	ug/kg	290.5 R	274.6 R	NA	NA	252.9 R	262 R	233.3 R	
2-Butanone (Methyl ethyl ketone)	8260	ug/kg	11.62 U	10.99 U	NA	NA	6.4 J	10.48 U	9.33 U	
2-Hexanone	8260	ug/kg	11.62 U	10.99 U	NA	NA	10.12 U	10.48 U	9.33 U	
2-Methyl-1-propanol (iso-Butyl alcohol)	8260	ug/kg	290.5 R	274.6 R	NA	NA	252.9 R	262 R	233.3 R	
4-Methyl-2-pentanone (MIBK)	8260	ug/kg	11.62 UJ	10.99 UJ	NA	NA	10.12 UJ	10.48 UJ	9.33 UJ	
Acetone (2-Propanone, Dimethyl ketone)	8260	ug/kg	84.1 B	46.7 B	NA	NA	57.4 B	33.5 B	22.4 B	
Acetonitrile (Methyl cyanide)	8260	ug/kg	116.2 R	109.9 R	NA	NA	101.2 R	104.8 R	93.3 R	
Acrolein (2-Propenal)	8260	ug/kg	23.24 R	21.97 R	NA	NA	20.23 R	20.96 R	18.66 R	
Acrylonitrile (2-Propenenitrile)	8260	ug/kg	23.24 U	21.97 U	NA	NA	20.23 U	20.96 U	18.66 U	
Allyl chloride (3-Chloropropene)	8260	ug/kg	11.62 U	10.99 U	NA	NA	10.12 U	10.48 U	9.33 U	
Benzene	8260	ug/kg	5.81 U	5.49 U	NA	NA	5.06 U	5.24 U	4.67 U	
Bromodichloromethane	8260	ug/kg	5.81 U	5.49 U	NA	NA	5.06 U	5.24 U	4.67 U	
Bromoform	8260	ug/kg	5.81 U	5.49 U	NA	NA	5.06 U	5.24 U	4.67 U	
Bromomethane (Methyl bromide)	8260	ug/kg	5.81 U	5.49 U	NA	NA	5.06 U	5.24 U	4.67 U	
Carbon disulfide	8260	ug/kg	5.81 U	5.49 U	NA	NA	7.70	6.2	4.67 U	
Carbon tetrachloride	8260	ug/kg	5.81 U	5.49 U	NA	NA	5.06 U	5.24 U	4.67 U	
Carbazole	8260	ug/kg	ND	ND	NA	NA	ND	ND	ND	

See notes at end of table.

Table 10B
(Continued)

Parameters	Method	Units	Sample Identification and Date Sampled							
			B5-A (1.2'-1.7') 11/21/2002	B5-A Field Dup (1.2'-1.7') 11/21/2002	B5-A Lab Dup (1.2'-1.7') 11/21/2002	B5-A MS (1.2'-1.7') 11/21/2002	B5-A MSD (1.2'-1.7') 11/21/2002	B5-B (1.3'-1.8') 11/21/2002	B5-C (1.4'-1.9') 11/21/2002	B5-D (1.8'-2.3') 11/21/2002
Chlorobenzene	8260	ug/kg	5.81 U	5.49 U	NA	NA	NA	5.06 U	5.24 U	4.67 U
Chloroethane	8260	ug/kg	5.81 U	5.49 U	NA	NA	NA	5.06 U	5.24 U	4.67 U
Chloroform	8260	ug/kg	5.81 U	5.49 U	NA	NA	NA	5.06 U	5.24 U	4.67 U
Chloromethane (Methyl chloride)	8260	ug/kg	5.81 U	5.49 U	NA	NA	NA	5.06 U	5.24 U	4.67 U
Chloroprene (2-Chloro-1,3-butadiene)	8260	ug/kg	5.81 U	5.49 U	NA	NA	NA	5.06 U	5.24 U	4.67 U
cis-1,3-Dichloropropene	8260	ug/kg	5.81 U	5.49 U	NA	NA	NA	5.06 U	5.24 U	4.67 U
Dibromochloromethane	8260	ug/kg	5.81 U	5.49 U	NA	NA	NA	5.06 U	5.24 U	4.67 U
Dibromomethane (Methylene bromide)	8260	ug/kg	5.81 U	5.49 U	NA	NA	NA	5.06 U	5.24 U	4.67 U
Dichlorodifluoromethane (Freon 12)	8260	ug/kg	5.81 R	5.49 R	NA	NA	NA	5.06 R	5.24 R	4.67 R
Ethyl methacrylate (2-Propenoic acid)	8260	ug/kg	11.62 U	10.99 U	NA	NA	NA	10.12 U	10.48 U	9.33 U
Ethylbenzene	8260	ug/kg	5.81 U	5.49 U	NA	NA	NA	5.06 U	5.24 U	4.67 U
Iodomethane (Methyl iodide)	8260	ug/kg	5.81 U	5.49 U	NA	NA	NA	5.06 U	5.24 U	4.67 U
m,p-Xylene	8260	ug/kg	5.81 U	5.49 U	NA	NA	NA	5.06 U	5.24 U	4.67 U
Methacrylonitrile	8260	ug/kg	116.2 R	109.9 R	NA	NA	NA	101.2 R	104.8 R	93.3 R
Methyl methacrylate	8260	ug/kg	11.62 UJ	10.99 UJ	NA	NA	NA	10.12 UJ	10.48 UJ	9.33 UJ
Methylene chloride (Dichloromethane)	8260	ug/kg	5.81 U	5.49 U	NA	NA	NA	5.06 U	5.24 U	4.67 U
o-Xylene	8260	ug/kg	5.81 U	5.49 U	NA	NA	NA	5.06 U	5.24 U	4.67 U
Propionitrile (Ethyl cyanide)	8260	ug/kg	23.24 R	21.97 R	NA	NA	NA	20.23 R	20.96 R	18.66 R
Styrene	8260	ug/kg	5.81 U	5.49 U	NA	NA	NA	5.06 U	5.24 U	4.67 U
Tetrachloroethene (Perchloroethylene)	8260	ug/kg	5.81 U	5.49 U	NA	NA	NA	5.06 U	5.24 U	4.67 U
Toluene	8260	ug/kg	5.81 U	5.49 U	NA	NA	NA	5.06 U	5.24 U	4.67 U
trans-1,2-Dichloroethene	8260	ug/kg	5.81 U	5.49 U	NA	NA	NA	5.06 U	5.24 U	4.67 U
trans-1,3-Dichloropropene	8260	ug/kg	5.81 UJ	5.49 UJ	NA	NA	NA	5.06 UJ	5.24 UJ	4.67 UJ
trans-1,4-Dichloro-2-butene	8260	ug/kg	5.81 U	5.49 U	NA	NA	NA	5.06 U	5.24 U	4.67 U
Trichloroethene (Trichloroethylene)	8260	ug/kg	5.81 U	5.49 U	NA	NA	NA	5.06 U	5.24 U	4.67 U
Trichlorofluoromethane (Freon 11)	8260	ug/kg	5.81 U	5.49 U	NA	NA	NA	5.06 U	5.24 U	4.67 U
Vinyl acetate	8260	ug/kg	11.62 U	10.99 U	NA	NA	NA	10.12 U	10.48 U	9.33 U
Vinyl chloride (Chloroethene)	8260	ug/kg	5.81 U	5.49 U	NA	NA	NA	5.06 U	5.24 U	4.67 U
Volatile TICs										
Hexanal	8260	ug/kg	ND	ND	NA	NA	NA	ND	ND	3.1 NJ
Unknown	8260	ug/kg	ND	ND	NA	NA	NA	ND	31.1 NJ	ND
Unknown hydrocarbon	8260	ug/kg	4.9 NJ	ND	NA	NA	NA	ND	ND	ND

Notes:

U - Not Detected - The associated number indicates approximate sample concentration necessary to be detected.

J - Analyte Present - Reported value may not be accurate or precise.

D - Analyte Present - Results reported from diluted analysis.

B - Not Detected - Not detected substantially above the level reported in the laboratory or field blanks.

R - Unusable Results - Analyte may or may not be present in the sampling.

UJ - Not Detected - Quantitation limit may be inaccurate or imprecise.

K - Analyte Present - Reported value may be biased high. Actual value is expected to be lower.

L - Analyte Present - Reported value may be biased low. Actual value is expected to be higher.

N - Consider Present - Tentative identification. Special methods may be needed to confirm its presence or absence in future sampling efforts.

ND - Denotes none detected.

NA - Denotes not applicable.

Table 10C

Summary of Soil Analytical Results
SWMU 16 - Past Landfill - Area IV
General Chemical Corporation
Delaware Valley Works Facility
Claymont, Delaware

Parameters	Method	Units	Sample Identification and Date Sampled									
			B16-A (2.5'-3.0') 11/20/2002	B16-B (1.5'-2.0') 11/20/2002	B16-C (0.3'-0.8') 11/20/2002	B16-C Field Dup (0.3'-0.8') 11/20/2002	B16-D (0.0'-0.5') 11/20/2002	B16-E (0.0'-0.5') 11/20/2002	B16-F (0.0'-0.5') 11/20/2002	B16-G (0.0'-0.5') 11/20/2002	B16-H (0.0'-0.5') 11/20/2002	B16-I (0.0'-0.5') 11/20/2002
			11/20/2002	11/20/2002	11/20/2002	11/20/2002	11/20/2002	11/20/2002	11/20/2002	11/20/2002	11/20/2002	11/20/2002
General Chemistry												
Cyanide (Total)	9010B/9014	mg/kg	7.4	1.3 U	1.1 U	1.3 U	1.1 U	1.1 U	1.2 U	1.5	1.1 U	1.9
pH	9045	pH	7.3	6.01	7.5	7.64	8.22	7.9 J	7.88 J	7.33 J	8.07 J	7.76 J
Metals												
Antimony	6010B	mg/kg	1.7 L	0.52 L	4 L	7 L	2.8 L	1.9	3.7	4.3	1.9	2.7
Arsenic	6010B	mg/kg	17 K	7.9 K	93 K	79 K	30 K	33	52	110	6.9	8
Barium	6010B	mg/kg	160 J	54 J	280 J	350 J	150 J	250 K	750 K	360 K	140 K	280 K
Beryllium	6010B	mg/kg	0.41	0.27	0.28	0.38	0.59	0.51 J	0.77 J	0.8 J	0.39 J	0.52 J
Cadmium	6010B	mg/kg	0.82 J	0.41 J	2.6 J	3.2 J	2.6 J	2 J	6.3 J	4.1 J	3.1 J	2.3 J
Chromium	6010B	mg/kg	26 J	28 J	34 J	50 J	54 J	30 J	47 J	66 J	240 J	88 J
Cobalt	6010B	mg/kg	3.7	4.3	8.8	10	9.8	9 J	9.9 J	11 J	12 J	9.8 J
Copper	6010B	mg/kg	47 K	49 K	140 K	150 K	590 K	110 J	200 J	330 J	160 J	200 J
Lead	6010B	mg/kg	93 K	30 K	270 K	490 K	230 K	150	920	460	160	400
Mercury	7471	mg/kg	0.33 J	0.15 J	2.7 R	1.2 J	1.8 J	0.97 J	9.3 J	1.7 J	0.27 J	6.2 J
Nickel	6010B	mg/kg	12 J	11 J	25 J	34 J	32 J	20 J	23 J	48 J	150 J	31 J
Selenium	6010B	mg/kg	1.9 B	0.64 B	2.5 J	4.4 J	2.3 J	1.8 J	2.2 J	2.8 J	1.4 J	4.5 J
Silver	6010B	mg/kg	0.23 B	0.033 B	1.2	1.3	0.64	0.37 B	0.78	0.94	0.31 B	0.31 B
Thallium	6010B	mg/kg	2.7 U	2.2 U	2.1 U	2.2 U	2 U	2 U	2 U	2.3 U	2 U	2.1 U
Tin	6010B	mg/kg	11 B	8 B	18	21	39	9.3 B	18 B	27	35	49
Vanadium	6010B	mg/kg	31 L	23 L	39 L	54 L	37 L	35 J	34 J	52 J	55 J	47 J
Zinc	6010B	mg/kg	92 J	39 J	140 J	120 J	220 J	110 J	240 J	300 J	290 J	270 J
Pesticides/Herbicides/PCB												
Aldrin	8081	mg/kg	0.056 U	0.053 U	0.092 U	0.11 U	0.091 U	0.092 U	0.098 U	0.1 U	0.093 U	0.19 U
alpha-BHC	8081	mg/kg	0.057	0.053	0.092 U	0.11 U	0.091 U	0.092 U	0.089 J	0.055 J	0.093 U	0.12 J
alpha-Chlordane	8081	mg/kg	0.0556 U	0.0527 U	0.0677 J	0.108 U	0.0742 J	0.0918 U	0.0474 J	0.101 U	0.0922 U	0.158 J
beta-BHC	8081	mg/kg	0.14	0.053 U	0.2	0.15	0.12	0.083 J	0.84	0.47 J	0.093 U	10.2
delta-BHC	8081	mg/kg	0.0556 U	0.053 U	0.092 U	0.11 U	0.091 U	0.092 U	0.098 U	0.1 U	0.093 U	0.19 U
Endrin ketone	8081	mg/kg	0.112 U	0.106 U	0.185 U	0.216 U	0.183 U	0.184 U	0.196 U	0.203 U	0.185 U	0.386 U
gamma-BHC	8081	mg/kg	0.0556 U	0.053 U	0.092 U	0.11 U	0.091 U	0.092 U	0.098 U	0.1 U	0.093 U	0.19 U
gamma-Chlordane	8081	mg/kg	0.0317 J	0.0527 U	0.0924 U	0.108 U	0.0937 R	0.0918 U	0.0976 U	0.101 U	0.0888 J	0.235 U
Technical Chlordane	8081	mg/kg	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.9 U
2,4-D	8151A	mg/kg	0.045 UJ	0.042 UJ	0.037 UJ	0.027 J	0.037 UJ	0.037 UJ	0.028 JD	0.027 J	0.037 UJ	0.039 UJ
4,4'-DDD	8081	mg/kg	0.95	0.9	7.16	3.3	11 U	3	10.1 J	4.16	2.9	120
4,4'-DDE	8081	mg/kg	0.41	0.37	6.53	2.6	7.9 U	2.4	3.9 D	5.87	3.99	11.1
4,4'-DDT	8081	mg/kg	0.7	0.7	11.0	2.6	3.8 U	3.6	0.73 J	9.36	11.9	30.2
Dieldrin	8081	mg/kg	0.11 U	0.11 U	0.185 U	0.22 U	0.18 U	0.18 U	0.2 U	0.2 U	0.19 U	0.39 U
Endosulfan I	8081	mg/kg	0.056 U	0.053 U	0.092 U	0.11 U	0.091 U	0.092 U	0.098 U	0.1 U	0.093 U	0.19 U
Endosulfan II	8081	mg/kg	0.11 U	0.11 U	0.18 U	0.22 U	0.18 U	0.18 U	0.2 U	0.2 U	0.19 U	0.39 U
Endosulfan sulfate	8081	mg/kg	0.11 U	0.11 U	0.18 U	0.22 U	0.18 U	0.18 U	0.2 U	0.2 U	0.19 U	0.39 U
Endrin	8081	mg/kg	0.112 U	0.11 U	0.18 U	0.22 U	0.18 U	0.18 U	0.18 U	3.87	0.2 U	0.19 U
Endrin aldehyde	8081	mg/kg	0.17 J	0.11 U	0.18 U	0.22 U	0.18 U	0.18 U	0.2 U	0.203 U	0.19 U	0.39 U
Heptachlor	8081	mg/kg	0.056 U	0.053 U	0.092 U	0.11 U	0.091 U	0.092 U	0.098 U	0.1 U	0.093 U	0.19 U
Heptachlor Epoxide	8081	mg/kg	0.056 U	0.0527 U	0.092 U	0.11 U	0.091 U	0.092 U	0.098 U	0.1 U	0.093 U	0.19 U
Methoxychlor	8081	mg/kg	0.56 U	0.53 U	0.92 U	1.1 U	0.91 U	0.92 U	0.98 U	1 U	0.93 U	1.9 U
2,4,5-T	8151A	mg/kg	0.011 UJ	0.011 UJ	0.0092 UJ	0.011 UJ	0.0091 UJ	0.0092 UJ	0.012 J	0.0101 UJ	0.0067 UJ	0.011 J

See notes at end of table.

Table 10C
(Continued)

Parameters	Method	Units	Sample Identification and Date Sampled									
			B16-A (2.5'-3.0')	B16-B (1.5'-2.0')	B16-C (0.3'-0.8')	B16-C Field Dup (0.3'-0.8')	B16-D (0.0'-0.5')	B16-E (0.0'-0.5')	B16-F (0.0'-0.5')	B16-G (0.0'-0.5')	B16-H (0.0'-0.5')	B16-I (0.0'-0.5')
			11/20/2002	11/20/2002	11/20/2002	11/20/2002	11/20/2002	11/20/2002	11/20/2002	11/20/2002	11/20/2002	11/20/2002
Toxaphene	8081	mg/kg	1.1 U	1.1 U	1.8 U	2.2 U	1.8 U	1.8 U	2 UD	2 U	1.9 U	3.9 U
2,4,5-TP	8151A	mg/kg	0.011 UJ	0.011 UJ	0.0062 J	0.0057 UJ	0.0091 UJ	0.0092 UJ	0.0068 J	0.0071 J	0.0058 J	0.0096 UJ
Semivolatile Organic Compounds												
Acenaphthene	8270C	ug/kg	300 J	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
Acenaphthylene	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
Acetophenone	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
2-Acetylaminofluorene	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
4-Aminobiphenyl	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
Aniline	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	310 J
Anthracene	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
Aramite	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	310 J	1400 J
Benzo(a)anthracene	8270C	ug/kg	450 UJ	430 UJ	240 J	240 J	180 J	210 J	500 J	400 UJ	360 J	1600 J
Benzo(a)pyrene	8270C	ug/kg	530 J	430 UJ	250 J	430 UJ	210 J	860 J	500 J	210 J	360 J	1600 J
Benzo(b)fluoranthene	8270C	ug/kg	840 J	430 UJ	370 J	360 J	280 J	330 J	1600 J	280 J	410 J	1800 J
Benzo(ghi)perylene	8270C	ug/kg	290 J	430 UJ	310 J	250 J	240 J	310 J	730 J	400 UJ	280 J	1200 J
Benzo(k)fluoranthene	8270C	ug/kg	450 UJ	430 UJ	310 J	300 J	210 J	290 J	620 J	400 UJ	380 J	1600 J
Benzoic Acid	8270C	ug/kg	1100 UJ	1100 UJ	920 UJ	1100 UJ	920 UJ	920 UJ	970 UJ	1000 UJ	920 UJ	970 UJ
Benzyl alcohol	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	1000 J
Bis(2-Chloroethoxy)methane	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
Bis(2-Chloroethyl)ether	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
Bis(2-Chloroisopropyl)ether	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
Bis(2-Ethylhexyl)phthalate	8270C	ug/kg	450 UJ	310 J	500 J	440 J	300 J	370 UJ	390 UJ	400 UJ	390 J	690 J
4-Bromophenyl-phenylether	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
Butylbenzylphthalate	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
Carbazole	8270C	ug/kg	450 UJ	420 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
4-Chloro-3-methylphenol	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 R	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
4-Chloroaniline	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
Chlorobenzilate	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
2-Chloronaphthalene	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
2-Chlorophenol	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 R	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
4-Chlorophenyl-phenylether	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
Chrysene	8270C	ug/kg	950 J	430 UJ	340 J	340 J	220 J	230 J	1500 J	280 J	370 J	1500 J
o-Cresol	8270C	ug/kg	450 UJ	410 J	360 UJ	430 UJ	370 R	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
m,p-Cresol	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 R	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
Di-n-butylphthalate	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	250 J	390 UJ	400 UJ	370 UJ	390 UJ
Di-n-octylphthalate	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
Diallate	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
Dibenz(a,h)anthracene	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	270 J	400 UJ	370 UJ	390 J
Dibenzo furan	8270C	ug/kg	490 J	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	530 J	370 UJ	370 UJ	390 UJ
1,2-Dichlorobenzene	8270C	ug/kg	6300 J	38000 J	360 UJ	460 J	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
1,3-Dichlorobenzene	8270C	ug/kg	450 UJ	1600 J	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
1,4-Dichlorobenzene	8270C	ug/kg	1100 J	6400 J	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
3,3'-Dichlorobenzidine	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
2,4-Dichlorophenol	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 R	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
2,6-Dichlorophenol	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
Diethylphthalate	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
7,12-Dimethylbenz(A)anthracene	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
Dimethoate	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ

See notes at end of table.

Table 19C
(Continued)

Parameters	Method	Units	Sample Identification and Date Sampled									
			B16-A (2.5'-3.0')	B16-B (1.5'-2.0')	B16-C (0.3'-0.8')	B16-C Field Dup (0.3'-0.8')	B16-D (0.0'-0.5')	B16-E (0.0'-0.5')	B16-F (0.0'-0.5')	B16-G (0.0'-0.5')	B16-H (0.0'-0.5')	B16-I (0.0'-0.5')
			11/20/2002	11/20/2002	11/20/2002	11/20/2002	11/20/2002	11/20/2002	11/20/2002	11/20/2002	11/20/2002	11/20/2002
a,a-Dimethylphenethylamine	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
p-Dimethylaminoazobenzene	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
3,3'-Dimethylbenzidine	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
2,4-Dimethylphenol	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 R	370 U	390 UJ	400 UJ	370 UJ	390 UJ
Dimethylphthalate	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	210 J
4,6-Dinitro-2-methylphenol	8270C	ug/kg	900 UJ	850 UJ	830 UJ	860 UJ	830 R	830 UJ	830 UJ	830 UJ	830 UJ	830 UJ
1,3-Dinitrobenzene	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
2,4-Dinitrophenol	8270C	ug/kg	900 UJ	850 UJ	830 UJ	860 UJ	830 R	830 UJ	830 UJ	830 UJ	830 UJ	830 UJ
2,4-Dinitrotoluene	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
2,6-Dinitrotoluene	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
Dinoseb	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
Diphenylamine	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
Disulfoton	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
Ethyl methanesulfonate	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
Famphur	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
Fluoranthene	8270C	ug/kg	810 J	430 UJ	470 J	550 J	200 J	290 J	1400 J	470 J	490 J	2100 J
Fluorene	8270C	ug/kg	480 J	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
Hexachlorobenzene	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
Hexachlorobutadiene	8270C	ug/kg	480 J	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	210 J	400 UJ	370 UJ	390 UJ
Hexachlorocyclopentadiene	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
Hexachloroethane	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
Hexachlorophene	8270C	ug/kg	3600 UJ	3400 UJ	2900 UJ	3400 UJ	3000 UJ	3000 UJ	3100 UJ	3200 UJ	2900 UJ	3100 UJ
Hexachloropropene	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
Indeno(1,2,3-cd)pyrene	8270C	ug/kg	450 UJ	430 UJ	260 J	230 J	240 J	300 J	530 J	400 UJ	260 UJ	1100 J
Isodrin	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
Isophorone	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
Isosafrole	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
Kepone	8270C	ug/kg	450 R	430 R	360 R	430 R	370 R	370 R	390 R	400 R	370 R	390 R
Methaphyrilene	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
Methyl methanesulfonate	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
Methyl parathion	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
3-Methylcholanthrene	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
2-Methylnaphthalene	8270C	ug/kg	550 J	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	270 J	370 UJ	390 UJ
N-nitrosodi-n-butylamine	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
N-nitrosodi-n-propylamine	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
N-nitrosodiethylamine	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
N-nitrosodimethylamine	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
N-nitrosodiphenylamine	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
N-nitrosomethylmethamphetamine	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
N-nitrosopiperidine	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
N-nitrosopyrrolidine	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
Naphthalene	8270C	ug/kg	910 J	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	230 J	370 UJ	390 UJ
1,4-Naphthoquinone	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
1-Naphthylamine	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
2-Naphthylamine	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
5-Nitro-o-toluidine	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
2-Nitroaniline	8270C	ug/kg	900 UJ	850 UJ	830 UJ	860 UJ	830 UJ	830 UJ	830 UJ	830 UJ	830 UJ	830 UJ

See notes at end of table.

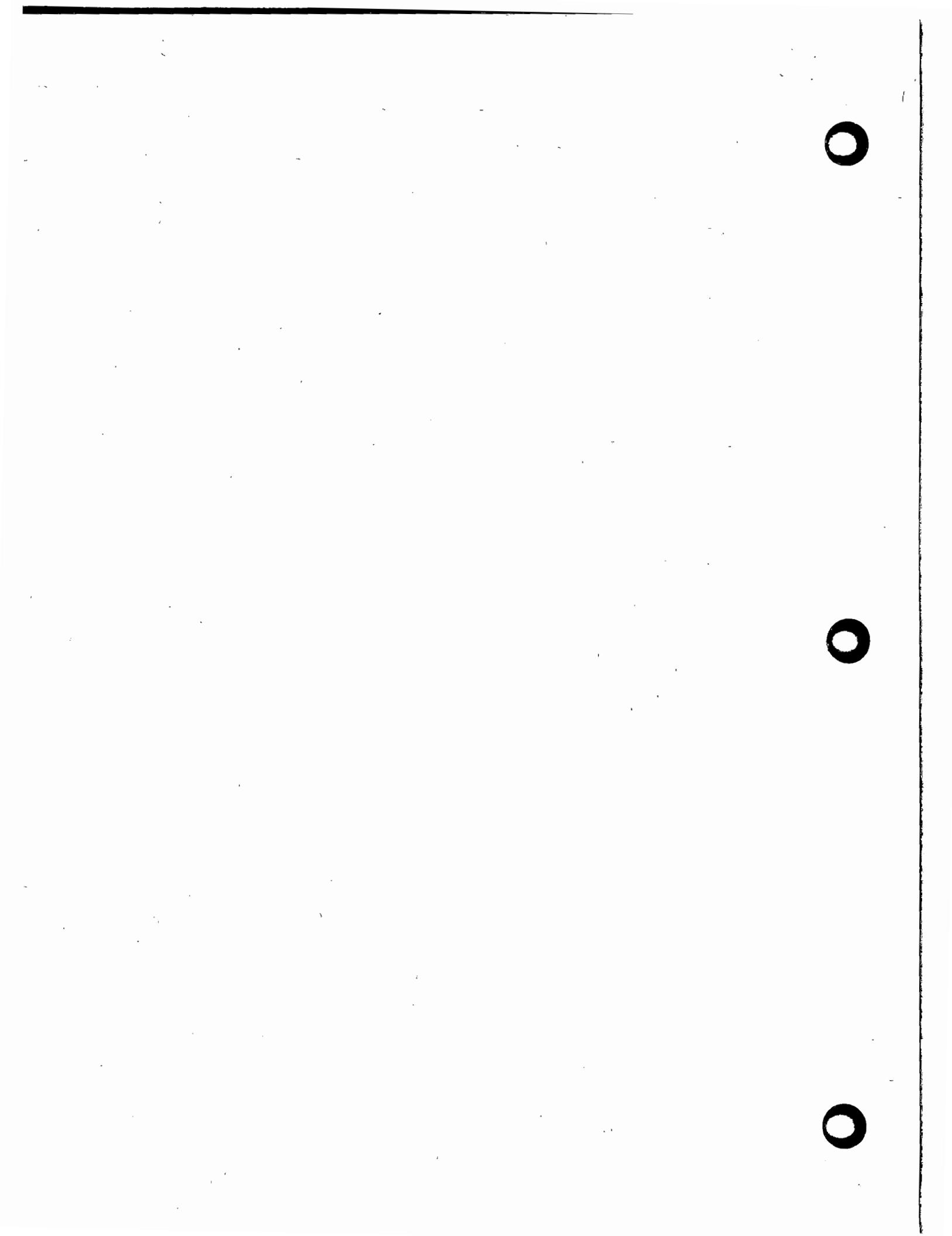


Table 10C
(Continued)

Parameters	Method	Units	Sample Identification and Date Sampled									
			B16-A (2.5'-3.0')	B16-B (1.5'-2.0')	B16-C (0.3'-0.8')	B16-C Field Dup (0.3'-0.8')	B16-D (0.0'-0.5')	B16-E (0.0'-0.5')	B16-F (0.0'-0.5')	B16-G (0.0'-0.5')	B16-H (0.0'-0.5')	B16-I (0.0'-0.5')
			11/20/2002	11/20/2002	11/20/2002	11/20/2002	11/20/2002	11/20/2002	11/20/2002	11/20/2002	11/20/2002	11/20/2002
3-Nitroaniline	8270C	ug/kg	900 UJ	850 UJ	830 UJ	860 UJ	830 UJ	830 UJ	830 UJ	830 UJ	830 UJ	830 UJ
4-Nitroaniline	8270C	ug/kg	900 UJ	850 UJ	830 UJ	860 UJ	830 UJ	830 UJ	830 UJ	830 UJ	830 UJ	830 UJ
Nitrobenzene	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ	
2-Nitrophenol	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 R	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
4-Nitrophenol	8270C	ug/kg	900 UJ	850 UJ	830 UJ	860 UJ	830 R	830 UJ	830 UJ	830 UJ	830 UJ	830 UJ
4-Nitroquinoline-1-oxide	8270C	ug/kg	450 R	430 R	360 R	430 R	370 R	370 R	390 R	400 R	370 R	390 R
Parathion	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
Pentachlorobenzene	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
Pentachloroethane	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
Pentachloronitrobenzene	8270C	ug/kg	1100 UJ	1100 UJ	910 UJ	1100 UJ	920 UJ	920 UJ	970 UJ	1000 UJ	920 UJ	970 UJ
Pentachlorophenol	8270C	ug/kg	900 UJ	850 UJ	830 UJ	860 UJ	830 R	830 UJ	830 UJ	830 UJ	830 UJ	830 UJ
Phenacetin	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
Phenanthrene	8270C	ug/kg	2800 J	430 UJ	400 J	500 J	370 UJ	370 UJ	1900 J	1100 J	260 J	1300 J
Phenol	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 R	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
1,4-Phenylenediamine	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
Phorate	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
2-Picoline	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
Pronamide	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
Pyrene	8270C	ug/kg	420 J	430 UJ	400 J	460 J	190 J	230 J	840 J	310 J	410 J	1800 J
Pyridine	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
Safrole	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
1,2,4,5-Tetrachlorobenzene	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
2,3,4,6-Tetrachlorophenol	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 R	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
Tetraethyl Dithiopyrophosphate	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
Thionazine	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
o-Toluidine	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
1,2,4-Trichlorobenzene	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
2,4,5-Trichlorophenol	8270C	ug/kg	900 UJ	850 UJ	830 UJ	860 UJ	830 R	830 UJ	830 UJ	830 UJ	830 UJ	830 UJ
2,4,6-Trichlorophenol	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 R	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
0,0,0-Triethylphosphorothioate	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
1,3,5-Trinitrotoluene	8270C	ug/kg	450 UJ	430 UJ	360 UJ	430 UJ	370 UJ	370 UJ	390 UJ	400 UJ	370 UJ	390 UJ
Semivolatile TICs												
Benzene,1,1'-methylenebis[4-chl	8270C	ug/kg	ND	ND	ND	710 NJ	ND	ND	ND	ND	ND	ND
2-Butenal, 3-methyl	8270C	ug/kg	ND	ND	380 NJ	ND	ND	ND	ND	ND	ND	ND
o,p'-DDT	8270C	ug/kg	ND	ND	ND	560 NJ	ND	ND	ND	ND	ND	ND
4,4-Dichlorobenzophenone	8270C	ug/kg	ND	ND	380 NJ	ND	1000 NJ	ND	ND NJ	ND	ND	ND
1,1-Dichloro-2,2-bis(p-chlorophen)	8270C	ug/kg	ND	ND	ND	ND	20000 NJ	ND	ND	ND	ND	ND
Ethane,1,1,2,2-tetrachloro-	8270C	ug/kg	ND	ND	860 NJ	890 NJ	ND	ND	ND	ND	ND	ND
Ethylbenzene	8270C	ug/kg	ND	ND	3800 NJ	4200 NJ	ND	ND	ND	580 NJ	ND	ND
9H-Fluoren-9-one	8270C	ug/kg	ND	ND	ND	ND	ND	ND	1100 NJ	ND	ND	ND
2-Octanone	8270C	ug/kg	750 NJ	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethylene	8270C	ug/kg	9400 NJ	ND	390 NJ	840 NJ	640 NJ	ND	ND	310 NJ	ND	ND
Toluene	8270C	ug/kg	20000 NJ	1700 NJ	430 NJ	ND	ND	ND	ND	ND	ND	ND
Unknown	8270C	ug/kg	51900 NJ	49000 NJ	17580 NJ	15300 NJ	23010 NJ	11180 NJ	23500 NJ	ND	19510 NJ	81370 NJ
Unknown benzene isomer	8270C	ug/kg	31600 NJ	ND	630 NJ	ND	700 NJ	ND	17100 NJ	3030 NJ	ND	1460 NJ
Unknown DDE isomer	8270C	ug/kg	ND	ND	3300 NJ	ND	5100 NJ	960 NJ	1500 NJ	2500 NJ	2800 NJ	10000 NJ
Unknown hydrocarbon	8270C	ug/kg	ND	ND	ND	ND	ND	ND	1120 NJ	ND	ND	ND
Unknown naphthalene isomer	8270C	ug/kg	ND	ND	ND	ND	ND	ND	ND	360 NJ	ND	ND

See notes at end of table.

Table 10C
(Continued)

Parameters	Method	Units	Sample Identification and Date Sampled									
			B16-A (2.5'-3.0')	B16-B (1.5'-2.0')	B16-C (0.3'-0.8')	B16-C Field Dup (0.3'-0.8')	B16-D (0.0'-0.5')	B16-E (0.0'-0.5')	B16-F (0.0'-0.5')	B16-G (0.0'-0.5')	B16-H (0.0'-0.5')	B16-I (0.0'-0.5')
			11/20/2002	11/20/2002	11/20/2002	11/20/2002	11/20/2002	11/20/2002	11/20/2002	11/20/2002	11/20/2002	11/20/2002
Unknown PAH	8270C	ug/kg	ND	ND	ND	370 NJ	ND	ND	ND	360 NJ	ND	ND
Unknown phenone isomer	8270C	ug/kg	ND	ND	ND	400 NJ	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds												
1,1,1,2-Tetrachloroethane	8260	ug/kg	59640 U	14720 U	5.60 U	5.97 U	4.92 U	4.66 U	5.61 U	5.38 U	4.67 U	4.81 U
✓ 1,1,1-Trichloroethane (Methyl chloroform)	8260	ug/kg	59640 J	17200	5.60 U	5.97 J	4.92 J	4.66 U	5.61 U	9.5	4.67 U	30
1,1,2,2-Tetrachloroethane	8260	ug/kg	59640 U	14720 U	5.60 U	5.97 U	4.92 U	4.66 U	5.61 U	5.38 U	4.67 U	4.81 U
1,1,2-Trichloroethane	8260	ug/kg	59640 U	14720 U	5.60 U	5.97 U	4.92 U	4.66 U	5.61 U	5.38 U	4.67 U	4.81 U
1,1-Dichloroethane	8260	ug/kg	59640 U	14720 U	5.60 J	8.80	4.92 J	4.66 U	5.61 U	2.4 J	4.67 U	4.81 U
1,1-Dichloroethylene (Dichloroethylene)	8260	ug/kg	59640 U	14720 U	5.60 J	12.0	4.92 J	4.66 U	5.61 U	5.38 U	4.67 U	4.81 U
1,2,3-Trichloropropane	8260	ug/kg	59640 U	14720 U	5.60 U	5.97 U	4.92 U	4.66 U	5.61 U	5.38 U	4.67 U	4.81 U
1,2-Dibromo-3-chloropropane (DBCP)	8260	ug/kg	59640 U	14720 U	5.60 U	5.97 U	4.92 U	4.66 U	5.61 U	5.38 U	4.67 U	4.81 U
1,2-Dibromoethane (Ethylene dibromide)	8260	ug/kg	59640 U	14720 U	5.60 U	5.97 U	4.92 U	4.66 U	5.61 U	5.38 U	4.67 U	4.81 U
1,2-Dichloroethane (Ethylene dichloride)	8260	ug/kg	59640 UJ	14720 UJ	5.60 U	5.97 U	4.92 U	4.66 U	1.4 J	4.3 J	4.67 U	4.81 U
1,2-Dichloropropane	8260	ug/kg	59640 U	14720 U	5.60 U	5.97 U	4.92 U	4.66 U	5.61 U	5.38 U	4.67 U	4.81 U
1,4-Dioxane	8260	ug/kg	2981000 R	735800 R	280 R	298 R	246 R	232.8 R	280.3 R	268.9 R	233.3 R	240.7 R
2-Butanone (Methyl ethyl ketone)	8260	ug/kg	119300 U	29430 U	11.2 U	11.9 U	9.83 U	9.31 U	11.21 U	29	9.33 U	9.63 U
2-Hexanone	8260	ug/kg	119300 U	29430 U	11.2 U	11.9 U	9.83 U	9.31 U	11.21 U	10.76 U	9.33 U	9.63 U
2-Methyl-1-propanol (iso-Butyl alcohol)	8260	ug/kg	2981000 R	735800 R	280 R	298 R	246 R	232.8 R	280.3 R	268.9 R	233.3 R	240.7 R
4-Methyl-2-pentanone (MIBK)	8260	ug/kg	119300 UJ	29430 UJ	11.2 U	11.9 U	9.83 U	9.31 U	11.21 R	10.76 U	9.33 U	9.63 U
Acetone (2-Propanone, Dimethyl ketone)	8260	ug/kg	119300 B	33700 B	30.0 B	32.3 B	39.0 B	13.7 B	28.5 B	151 B	30.1 B	50.2 B
Acetonitrile (Methyl cyanide)	8260	ug/kg	1193000 R	294300 R	112 R	119 R	98.3 R	93.11 R	112.1 R	107.6 U	93.3 R	96.27 R
Acrolein (2-Propenal)	8260	ug/kg	238500 R	58860 R	22.4 R	23.9 R	19.7 R	18.62 R	22.43 R	21.51 R	18.66 R	19.25 R
Acrylonitrile (2-Propenenitrile)	8260	ug/kg	238500 U	58860 U	22.4 U	23.9 U	19.7 U	18.62 U	22.43 U	21.51 R	18.66 U	19.25 U
Allyl chloride (3-Chloropropene)	8260	ug/kg	119300 U	29430 U	11.2 U	11.9 U	9.83 U	9.31 U	11.21 U	10.76 U	9.33 U	9.63 U
Benzene	8260	ug/kg	84900	14720 U	5.60 U	5.97 U	4.92 U	4.66 U	12.6	9.8	4.67 U	4.81 U
Bromodichloromethane	8260	ug/kg	59640 U	14720 U	5.60 U	5.97 U	4.92 U	4.66 U	5.61 U	5.38 U	4.67 U	4.81 U
Bromoform	8260	ug/kg	59640 U	14720 U	5.60 U	5.97 U	4.92 U	4.66 U	5.61 U	5.38 U	4.67 U	4.81 U
Bromomethane (Methyl bromide)	8260	ug/kg	59640 U	14720 U	5.60 U	5.97 U	4.92 U	4.66 U	5.61 U	5.38 U	4.67 U	4.81 U
Carbon disulfide	8260	ug/kg	59640 U	14720 U	5.60 U	5.97 U	4.92 U	4.66 U	5.61 U	5.38 U	4.67 U	4.81 U
Carbon tetrachloride	8260	ug/kg	59640 U	14720 U	5.60 U	5.97 U	4.92 U	4.66 U	5.61 U	2.3 J	4.67 U	4.81 U
Carbazole	8260	ug/kg	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
Chlorobenzene	8260	ug/kg	59640 U	14720 U	5.60 U	5.97 U	4.92 U	4.66 U	5.61 U	5.38 U	4.67 U	4.81 U
Chloroethane	8260	ug/kg	59640 U	14720 U	5.60 U	5.97 U	4.92 U	4.66 U	5.61 U	5.38 U	4.67 U	4.81 U
Chloroform	8260	ug/kg	59640 J	14720 U	20.8	50.3	4.92 B	1.7 J	41.2	167	2.8 J	4.81 U
Chloromethane (Methyl chloride)	8260	ug/kg	59640 U	14720 U	5.60 U	5.97 U	4.92 U	4.66 U	5.61 U	5.38 U	4.67 U	4.81 U
Chloroprene (2-Chloro-1,3-butadiene)	8260	ug/kg	59640 U	14720 U	5.60 U	5.97 U	4.92 U	4.66 U	5.61 U	5.38 U	4.67 U	4.81 U
cis-1,3-Dichloropropene	8260	ug/kg	59640 U	14720 U	5.60 U	5.97 U	4.92 U	4.66 U	5.61 U	5.38 U	4.67 U	4.81 U
Dibromochloromethane	8260	ug/kg	59640 U	14720 U	5.60 U	5.97 U	4.92 U	4.66 U	5.61 U	5.38 U	4.67 U	4.81 U
Dibromomethane (Methylene bromide)	8260	ug/kg	59640 U	14720 U	5.60 U	5.97 U	4.92 U	4.66 U	5.61 U	5.38 U	4.67 U	4.81 U
Dichlorodifluoromethane (Freon 12)	8260	ug/kg	59640 R	14720 R	5.60 R	5.97 R	4.92 R	4.66 R	5.61 R	5.38 R	4.67 R	4.81 R
Ethyl methacrylate (2-Propenoic acid)	8260	ug/kg	119300 U	29430 U	11.2 U	11.9 U	9.83 U	9.31 U	11.21 U	10.76 U	9.33 U	9.63 U
Ethylbenzene	8260	ug/kg	623000	106000	5.60 J	21.3	4.92 U	4.66 U	5.61 U	5.38 U	4.67 U	4.81 U
Iodomethane (Methyl iodide)	8260	ug/kg	59640 U	14720 U	5.60 U	5.97 U	4.92 J	4.66 U	5.61 U	5.38 U	4.67 U	4.81 U
m,p-Xylene	8260	ug/kg	3070000	408000	6.30 B	14.8 B	4.92 B	1.3 J	5.2 J	2.5 J	4.67 U	4.81 U
Methacrylonitrile	8260	ug/kg	1193000 R	294300 R	112 R	119 R	98.3 R	93.11 R	112.1 R	107.6 R	93.3 R	96.27 R
Methyl methacrylate	8260	ug/kg	119300 UJ	29430 UJ	11.2 U	11.9 U	9.83 U	9.31 U	11.21 U	10.76 U	9.33 U	9.63 U
Methylene chloride (Dichloromethane)	8260	ug/kg	59640 U	14720 U	5.60 B	5.97 U	4.92 B	3.1 B	11.4 B	8 B	1.9 B	2.3 B
o-Xylene	8260	ug/kg	550000	128000	5.60 J	50.9	4.92 U	4.66 U	1.1 J	5.38 U	4.67 U	4.81 U
Propionitrile (Ethyl cyanide)	8260	ug/kg	238500 R	58860 R	22.4 R	23.9 R	19.7 R	18.62 R	22.43 U	21.51 R	18.66 R	19.25 R

See notes at end of table.

Table 10C
(Continued)

Parameters	Method	Units	Sample Identification and Date Sampled									
			B16-A (2.5'-3.0')	B16-B (1.5'-2.0')	B16-C (0.3'-0.8')	B16-C Field Dup (0.3'-0.8')	B16-D (0.0'-0.5')	B16-E (0.0'-0.5')	B16-F (0.0'-0.5')	B16-G (0.0'-0.5')	B16-H (0.0'-0.5')	B16-I (0.0'-0.5')
			11/20/2002	11/20/2002	11/20/2002	11/20/2002	11/20/2002	11/20/2002	11/20/2002	11/20/2002	11/20/2002	11/20/2002
Styrene	8260	ug/kg	59640 U	14720 U	5.60 U	5.97 U	4.92 U	4.66 U	5.61 U	5.38 U	4.67 U	4.81 U
Tetrachloroethylene (Perchloroethylene)	8260	ug/kg	59640 U	64200	6.00 U	11.3	9.20	3.3 J	5.1 J	3.8 J	4.67 U	123
Toluene	8260	ug/kg	1750000	14900	5.60 U	5.97 B	4.92 U	1.1 J	5.5 J	5.6	4.67 U	4.81 U
trans-1,2-Dichloroethene	8260	ug/kg	59640 U	14720 U	14.7 U	26.1	4.92 U	3.2 J	1.7 J	4 J	4.67 U	4.81 U
trans-1,3-Dichloropropene	8260	ug/kg	59640 U	14720 U	5.60 U	5.97 U	4.92 U	4.66 U	5.61 U	5.38 U	4.67 U	4.81 U
trans-1,4-Dichloro-2-butene	8260	ug/kg	59640 U	14720 U	5.60 U	5.97 U	4.92 U	4.66 U	5.61 U	5.38 U	4.67 U	4.81 U
Trichloroethylene (Trichloroethylene)	8260	ug/kg	1910000	344000	69.4	85.1	63.6	19	107	14100	16.3	3070
Trichlorofluoromethane (Freon 11)	8260	ug/kg	59640 U	14720 U	5.60 U	5.97 U	4.92 U	4.66 U	5.61 U	5.38 U	4.67 U	4.81 U
Vinyl acetate	8260	ug/kg	119300 U	29430 U	11.2 U	11.9 U	9.83 U	9.31 U	11.21 U	10.76 U	9.33 U	9.63 U
Vinyl chloride (Chloroethylene)	8260	ug/kg	59640 U	14720 U	5.60 U	10.8	4.92 J	4.66 U	3.7 J	5.38 U	4.67 U	4.81 U
Volatile TICs												
Benzene, 1,2-dichlor	8260	ug/kg	ND	470000 NJ	ND	ND	ND	ND	ND	ND	ND	ND
Ethene, cis1,2-dichloro	8260	ug/kg	ND	ND	2200 NJ	4700 NJ	430 NJ	340 NJ	37 NJ	ND	ND	21 NJ
1,3-HCBD	8260	ug/kg	ND	ND	ND	ND	ND	ND	ND	3.1 NJ	ND	3.5 NJ
Hexanal	8260	ug/kg	ND	ND	ND	ND	ND	ND	ND	8.4 NJ	2.3 NJ	73 NJ

Notes:

U - Not Detected - The associated number indicates approximate sample concentration necessary to be detected.

J - Analyte Present - Reported value may not be accurate or precise.

D - Analyte Present - Results reported from diluted analysis.

B - Not Detected - Not detected substantially above the level reported in the laboratory or field blanks.

R - Unusable Results - Analyte may or may not be present in the sampling.

UJ - Not Detected - Quantitation limit may be inaccurate or imprecise.

K - Analyte Present - Reported value may be biased high. Actual value is expected to be lower.

L - Analyte Present - Reported value may be biased low. Actual value is expected to be higher.

N - Consider Present - Tentative identification. Special methods may be needed to confirm its presence or absence in future sampling efforts.

ND - Denotes none detected.

NA - Denotes not applicable.

Table 10D

Summary of Soil Analytical Results
SWMUs 21 and 22 - Past Landfill Areas IX and X, and SWMU 30 - Former East and West Lagoons
General Chemical Corporation
Delaware Valley Works Facility
Claymont, Delaware

Parameters	Method	Units	Sample Identification and Date Sampled									
			B21-A (0.0'-0.5') 12/11/2002	B21-B (0.0'-0.5') 12/12/2002	B21-B Lab Dup (0.0'-0.5') 12/11/2002	B21-B MS. (0.0'-0.5') 12/11/2002	B21-B MSD (0.0'-0.5') 12/11/2002	B21-C (0.0'-0.5') 12/11/2002	B21-D (0.0'-0.5') 12/11/2002	B21-E (0.0'-0.5') 12/11/2002	B21-F (0.0'-0.5') 12/11/2002	B21-G (0.0'-0.5') 12/11/2002
General Chemistry												
Cyanide (Total)	9010B/9014	mg/kg	1.1 U	1.5 U		8.3	9.8	1.5 U	1.2 U	1.1 U	1.2 U	1.3 U
pH	9045	pH	7.98	6.02	1.7 U	6.44	5.8	7.74	7.21	8.43	7.74	6.75
Metals												
Antimony	6010B	mg/kg	0.97 B	2.1 L	2.6	33	34	1.3 L	1 B	7.8 L	5 L	2.4 L
Arsenic	6010B	mg/kg	5.3	3.9	4	58	63	11	8.2	25	18	8.8
Barium	6010B	mg/kg	100 L	170 L	220	210	290	170 L	56 L	120 L	200 L	83 L
Beryllium	6010B	mg/kg	0.33	2.3	2.7	59	63	1.1	0.38	0.42	0.67	0.48
Cadmium	6010B	mg/kg	0.39	0.8	1	57	60	0.85	0.42	3	1.4	0.88
Chromium	6010B	mg/kg	20	13	17	73	77	49	14	75	42	19
Cobalt	6010B	mg/kg	6.2	31	37	90	91	19	7.2	12	17	11
Copper	6010B	mg/kg	37	15	21	77	81	110	43	200	160	120
Lead	6010B	mg/kg	83 J	4.6 J	11	65	69	62 J	62 J	310 J	190 J	120 J
Mercury	7471	mg/kg	0.34	0.023	0.033 J	0.16	0.18	0.49	0.13	1.4	0.44	0.21
Nickel	6010B	mg/kg	25	20	24	79	82	32	10	37	28	19
Selenium	6010B	mg/kg	0.99	0.92	1.3	55	59	1.1	0.55	2.8	1.8	0.87
Silver	6010B	mg/kg	0.032 B	0.28 U	0.31 U	29	30	0.97	0.12 B	0.48	0.25 B	0.14 B
Thallium	6010B	mg/kg	2 U	0.82 J	0.65 J	54	58	2.5 U	2 U	2 U	2.1 U	2 U
Tin	6010B	mg/kg	6.9 B	4.1 B	5 J	62	66	11 B	6.8 B	20	15 B	11 B
Vanadium	6010B	mg/kg	32	100	110	160	170	77	24	46	53	28
Zinc	6010B	mg/kg	68	43	54	100	110	110	55	160	150	120
Pesticides/Herbicides/PCB												
Aldrin	8081	mg/kg	19 UJ	0.25 UJ	0.28 UD	0.24 UD	0.27 UD	0.25 UJ	0.96 UJ	9 UJ	9.7 UJ	10 UJ
alpha-BHC	8081	mg/kg	230 J	0.25 UJ	0.28 UD	0.24 UD	0.27 UD	1.1 J	0.96 UJ	9 UJ	9.7 UJ	10 UJ
alpha-Chlordane	8081	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
beta-BHC	8081	mg/kg	78 J	1.8 J	1.1 D	1.4 D	0.96 D	3 J	3 J	29 J	25 J	10 UJ
delta-BHC	8081	mg/kg	37 J	0.25 UJ	0.28 UD	0.24 UD	0.27 UD	0.72 J	0.96 UJ	9 UJ	9.7 UJ	10 UJ
Endrin ketone	8081	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
gamma-BHC	8081	mg/kg	19 UJ	0.25 UJ	0.28 UD	0.24 UD	0.27 UD	0.25 UJ	0.96 UJ	9 UJ	9.7 UJ	10 UJ
gamma-Chlordane	8081	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Technical Chlordane	8081	mg/kg	190 UJ	2.5 UJ	2.8 UD	2.4 UD	2.7 UD	2.5 UJ	9.6 UJ	90 UJ	97 UJ	100 UJ
2,4-D	8151A	mg/kg	0.038 U	0.051 U	0.056 UD	0.084 D	0.077 D	0.05 U	0.038 U	0.035 U	0.039 U	0.046
4,4'-DDD	8081	mg/kg	34 B	1.9 B	0.98 D	1.6 D	1.5 D	4.9 J	12 B	120 B	45 B	50 B
4,4'-DDE	8081	mg/kg	38 UJ	0.84 J	0.61 D	1 D	0.71 D	1.7 J	3.1 J	120 J	20 J	21 UJ
4,4'-DDT	8081	mg/kg	72 J	4.5 J	4 D	0.097 D	5.4 D	7.5 J	21 J	1200 J	140 J	100 J
Dieldrin	8081	mg/kg	38 UJ	0.5 UJ	0.56 UD	0.47 UD	0.53 UD	0.5 UJ	1.9 UJ	18 UJ	19 UJ	21 UJ
Endosulfan I	8081	mg/kg	19 UJ	0.25 UJ	0.28 UD	0.24 UD	0.27 UD	0.25 UJ	0.96 UJ	9 UJ	9.7 UJ	10 UJ
Endosulfan II	8081	mg/kg	38 UJ	0.5 UJ	0.56 UD	0.47 UD	0.53 UD	0.5 UJ	1.9 UJ	18 UJ	19 UJ	21 UJ
Endosulfan sulfate	8081	mg/kg	38 UJ	0.5 UJ	0.56 UD	0.47 UD	0.53 UD	0.5 UJ	1.9 UJ	18 UJ	19 UJ	21 UJ
Endrin	8081	mg/kg	38 UJ	0.5 UJ	0.56 UD	0.47 UD	0.53 UD	0.5 UJ	1.9 UJ	18 UJ	19 UJ	21 UJ
Endrin aldehyde	8081	mg/kg	38 UJ	0.5 UJ	0.56 UD	0.47 UD	0.53 UD	0.5 UJ	1.9 UJ	18 UJ	19 UJ	21 UJ
Heptachlor	8081	mg/kg	19 UJ	0.25 UJ	0.28 UD	0.24 UD	0.27 UD	0.25 UJ	0.96 UJ	9 UJ	9.7 UJ	10 UJ
Heptachlor Epoxide	8081	mg/kg	19 UJ	0.25 UJ	0.28 UD	0.24 UD	0.27 UD	0.25 UJ	0.96 UJ	9 UJ	9.7 UJ	10 UJ
Methoxychlor	8081	mg/kg	190 UJ	2.5 UJ	2.8 UD	2.4 UD	2.7 UD	2.5 UJ	9.6 UJ	90 UJ	97 UJ	100 UJ
2,4,5-T	8151A	mg/kg	0.018 U	0.013 U	0.014 UD	0.082 D	0.077 D	0.013 U	0.0096 U	0.0089 U	0.0097 U	0.01 U

See notes at end of table.

Table 10D
(Continued)

Parameters	Method	Units	Sample Identification and Date Sampled									
			B21-A (0.0'-0.5')	B21-B (0.0'-0.5')	B21-B Lab Dup (0.0'-0.5')	B21-B MS (0.0'-0.5')	B21-B MSD (0.0'-0.5')	B21-C (0.0'-0.5')	B21-D (0.0'-0.5')	B21-E (0.0'-0.5')	B21-F (0.0'-0.5')	B21-G (0.0'-0.5')
			12/11/2002	12/12/2002	12/11/2002	12/11/2002	12/11/2002	12/11/2002	12/11/2002	12/11/2002	12/11/2002	12/11/2002
Toxaphene	8081	mg/kg	380 UJ	5 UJ	5.6 UD	4.7 UD	5.3 UD	5 UJ	19 UJ	180 UJ	190 UJ	210 UJ
2,4,5-TP	8151A	mg/kg	0.01 J	0.013 U	0.014 UD	0.082 D	0.083 D	0.013 U	0.0096 U	0.0089 U	0.0097 U	0.01 U
Semivolatile Organic Compounds												
Acenaphthene	8270C	ug/kg	380 UJ	500 UJ	550 U	1800	2100	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
Acenaphthylene	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
Acetophenone	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
2-Acetylaminofluorene	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
4-Aminobiphenyl	8270C	ug/kg	210 J	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
Aniline	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
Anthracene	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
Aramite	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	370 J	420 UJ
Benz(a)anthracene	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	310 J	420 UJ
Benz(a)pyrene	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	300 J	420 UJ
Benz(b)fluoranthene	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
Benz(ghi)perylene	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	330 J	420 UJ
Benz(k)fluoranthene	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
Benzoic Acid	8270C	ug/kg	940 UJ	1300 UJ	1400 U	1200 U	1300 U	1300 UJ	960 UJ	900 UJ	970 UJ	1000 UJ
Benzyl alcohol	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
Bis(2-Chloroethoxy)methane	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
Bis(2-Chloroethyl)ether	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
Bis(2-Chloroisopropyl)ether	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
Bis(2-Ethylhexyl)phthalate	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
4-Bromophenyl-phenylether	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
Butylbenzylphthalate	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
Carbazole	8270C	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chloro-3-methylphenol	8270C	ug/kg	380 UJ	500 UJ	550 U	2600	3000	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
4-Chloroaniline	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
Chlorobenzilate	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
2-Chloronaphthalene	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
2-Chlorophenol	8270C	ug/kg	380 UJ	500 UJ	550 U	2500	2900	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
4-Chlorophenyl-phenylether	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
Chrysene	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	320 J	420 UJ
o-Cresol	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
m,p-Cresol	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
Di-n-butylphthalate	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
Di-n-octylphthalate	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
Diallate	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
Diben(a,h)anthracene	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
Dibenzofuran	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
1,2-Dichlorobenzene	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
1,3-Dichlorobenzene	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
1,4-Dichlorobenzene	8270C	ug/kg	380 UJ	500 UJ	550 U	1700	1900	250 J	390 UJ	240 J	750 J	420 UJ
3,3'-Dichlorobenzidine	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
2,4-Dichlorophenol	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
2,6-Dichlorophenol	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
Diethylphthalate	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
7,12-Dimethylbenz(A)anthracene	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
Dimethoate	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ

See notes at end of table.

Table 10D
(Continued)

Parameters	Method	Units	Sample Identification and Date Sampled									
			B21-A (0.0'-0.5')	B21-B (0.0'-0.5')	B21-B Lab Dup (0.0'-0.5')	B21-B MS (0.0'-0.5')	B21-B MSD (0.0'-0.5')	B21-C (0.0'-0.5')	B21-D (0.0'-0.5')	B21-E (0.0'-0.5')	B21-F (0.0'-0.5')	B21-G (0.0'-0.5')
			12/11/2002	12/12/2002	12/11/2002	12/11/2002	12/11/2002	12/11/2002	12/11/2002	12/11/2002	12/11/2002	12/11/2002
a,a-Dimethylphenethylamine	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
p-Dimethylaminoazobenzene	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
3,3'-Dimethylbenzidine	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
2,4-Dimethylphenol	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
Dimethylphthalate	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
4,6-Dinitro-2-methylphenol	8270C	ug/kg	830 UJ	500 UJ	1100 U	930 U	1100 U	1000 UJ	830 UJ	830 UJ	830 UJ	830 UJ
1,3-Dinitrobenzene	8270C	ug/kg	380 UJ	1000 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
2,4-Dinitrophenol	8270C	ug/kg	830 UJ	500 UJ	1100 U	930 U	1100 U	1000 UJ	830 UJ	830 UJ	830 UJ	830 UJ
2,4-Dinitrotoluene	8270C	ug/kg	380 UJ	1000 UJ	550 U	1700	2100	270 J	390 UJ	360 UJ	390 UJ	420 UJ
2,6-Dinitrotoluene	8270C	ug/kg	190 J	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
Dinoseb	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
Diphenylamine	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
Disulfoton	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
Ethyl methanesulfonate	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
Famphur	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
Fluoranthene	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	270 J	550 J	420 UJ
Fluorene	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
Hexachlorobenzene	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
Hexachlorobutadiene	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
Hexachlorocyclopentadiene	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
Hexachloroethane	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
Hexachlorophene	8270C	ug/kg	3000 R	4000 R	4400 U	3700 U	4300 U	4000 R	3100 R	2900 R	3100 R	3300 R
Hexachloropropene	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
Indeno(1,2,3-cd)pyrene	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	190 J	420 UJ
Isodrin	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
Isophorone	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
Isosafrole	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
Kepone	8270C	ug/kg	380 R	500 R	550 U	470 U	530 U	510 R	390 R	360 R	390 R	420 R
Methapyrilene	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
Methyl methanesulfonate	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
Methyl parathion	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
3-Methylcholanthrene	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
2-Methylnaphthalene	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
N-nitrosodi-n-butylamine	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
N-nitrosodi-n-propylamine	8270C	ug/kg	380 UJ	500 UJ	550 U	1900	2200	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
N-nitrosodiethylamine	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
N-nitrosodimethylamine	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
N-nitrosodiphenylamine	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
N-nitrosomethylene	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
N-nitrosomethylimidamine	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
N-nitrosomorpholine	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
N-nitrosopiperidine	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
N-nitrosopyrrolidine	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
Naphthalene	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	780 J	420 UJ
1,4-Naphthoquinone	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
1-Naphthylamine	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
2-Naphthylamine	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
5-Nitro-o-toluidine	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
2-Nitroaniline	8270C	ug/kg	830 UJ	500 UJ	1100 U	930 U	1100 U	1000 UJ	830 UJ	830 UJ	830 UJ	830 UJ

See notes at end of table.

Table 10D
(Continued)

Parameters	Method	Units	Sample Identification and Date Sampled									
			B21-A (0.0'-0.5')	B21-B (0.0'-0.5')	B21-B Lab Dup (0.0'-0.5')	B21-B MS (0.0'-0.5')	B21-B MSD (0.0'-0.5')	B21-C (0.0'-0.5')	B21-D (0.0'-0.5')	B21-E (0.0'-0.5')	B21-F (0.0'-0.5')	B21-G (0.0'-0.5')
			12/1/2002	12/12/2002	12/11/2002	12/11/2002	12/11/2002	12/11/2002	12/11/2002	12/11/2002	12/11/2002	12/11/2002
3-Nitroaniline	8270C	ug/kg	830 UJ	1000 UJ	1100 U	930 U	1100 U	1000 UJ	830 UJ	830 UJ	830 UJ	830 UJ
4-Nitroaniline	8270C	ug/kg	830 UJ	1000 UJ	1100 U	930 U	1100 U	1000 UJ	830 UJ	830 UJ	830 UJ	830 UJ
Nitrobenzene	8270C	ug/kg	380 UJ	1000 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
2-Nitrophenol	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
4-Nitrophenol	8270C	ug/kg	830 UJ	500 UJ	1100 U	2800	3300	1000 UJ	830 UJ	830 UJ	830 UJ	830 UJ
4-Nitroquinoline-1-oxide	8270C	ug/kg	380 R	1000 UJ	550 U	470 U	530 U	510 R	390 R	360 R	390 R	420 R
Parathion	8270C	ug/kg	380 UJ	500 R	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
Pentachlorobenzene	8270C	ug/kg	310 J	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
Pentachloroethane	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
Pentachloronitrobenzene	8270C	ug/kg	940 UJ	500 UJ	1400 U	1200 U	1300 U	1300 UJ	960 UJ	900 UJ	970 UJ	1000 UJ
Pentachlorophenol	8270C	ug/kg	830 UJ	1300 UJ	1100 U	3000	3000	1000 UJ	830 UJ	830 UJ	830 UJ	830 UJ
Phenacetin	8270C	ug/kg	380 UJ	1000 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
Phenanthrene	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
Phenol	8270C	ug/kg	380 UJ	500 UJ	550 U	2700	3100	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
1,4-Phenylenediamine	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
Phorate	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
2-Picoline	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
Pronamide	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
Pyrene	8270C	ug/kg	380 UJ	500 UJ	550 U	1900	2200	510 UJ	390 UJ	240 J	430 J	420 UJ
Pyridine	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
Safrole	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
1,2,4,5-Tetrachlorobenzene	8270C	ug/kg	2000 J	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	270 J	390 UJ	420 UJ
2,3,4,6-Tetrachlorophenol	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
Tetraethyl Dithiopyrophosphate	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
Thiomazine	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
o-Toluidine	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
1,2,4-Trichlorobenzene	8270C	ug/kg	750 J	500 UJ	550 U	1900	2200	510 UJ	390 UJ	330 J	520 J	420 UJ
2,4,5-Trichlorophenol	8270C	ug/kg	280 J	500 UJ	1100 U	930 U	1100 U	1000 UJ	830 UJ	830 UJ	830 UJ	830 UJ
2,4,6-Trichlorophenol	8270C	ug/kg	380 UJ	1000 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
0,0,0-Triethylphosphorothioate	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
1,3,5-Trinitrobenzene	8270C	ug/kg	380 UJ	500 UJ	550 U	470 U	530 U	510 UJ	390 UJ	360 UJ	390 UJ	420 UJ
Seimvolatile TICs												
alpha-Lindane	8270C	ug/kg	24000 NJ	1600 NJ	ND	ND	ND	4900 NJ	1400 NJ	8900 NJ	710 NJ	6600 NJ
Benzene,1,1'-methylenebis[4-chl	8270C	ug/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene, 1-chloro-2-[2-chloro-1-(	8270C	ug/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzoic acid, 4-chloro	8270C	ug/kg	ND	ND	ND	ND	ND	ND	2400 NJ	ND	ND	ND
Chlorophenothane	8270C	ug/kg	14000 NJ	9300 NJ	ND	ND	ND	29000 NJ	9700 NJ	100000 NJ	15000 NJ	22000 NJ
Cyclohexane,1,2,3,4,5,6-hexachl	8270C	ug/kg	18000 NJ	ND	ND	ND	ND	4800 NJ	ND	ND	ND	ND
o,p'-DDE	8270C	ug/kg	ND	ND	ND	ND	ND	ND	870 NJ	13000 NJ	1800 NJ	1000 NJ
o,p'-DDT	8270C	ug/kg	6100 NJ	970 NJ	ND	ND	ND	10000 NJ	ND	ND	ND	8700 NJ
p,p'-DDE	8270C	ug/kg	6700 NJ	1100 NJ	ND	ND	ND	3600 NJ	3500 NJ	32000 NJ	6700 NJ	ND
DDMU	8270C	ug/kg	ND	ND	ND	ND	ND	1800 NJ	690 NJ	ND	ND	1300 NJ
delta-Lindane	8270C	ug/kg	11000 NJ	ND	ND	ND	ND	ND	ND	ND	550 NJ	ND
4,4-Dichlorobenzophenone	8270C	ug/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloro-2,2-bis(p-chlorophen)	8270C	ug/kg	14000 NJ	950 NJ	ND	ND	ND	9900 NJ	8600 NJ	16000 NJ	680 NJ	ND
Lindane	8270C	ug/kg	1400 NJ	ND	ND	ND	ND	620 NJ	ND	ND	ND	ND
Mitotane	8270C	ug/kg	7500 NJ	3400 NJ	ND	ND	ND	4000 NJ	ND	36000 NJ	1000 NJ	1000 NJ
Octadecanoic acid, butyl ester	8270C	ug/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Table 10D
(Continued)

Parameters	Method	Units	Sample Identification and Date Sampled									
			B21-A (0.0'-0.5') 12/11/2002	B21-B (0.0'-0.5') 12/12/2002	B21-B Lab Dup (0.0'-0.5') 12/11/2002	B21-B MS (0.0'-0.5') 12/11/2002	B21-B MSD (0.0'-0.5') 12/11/2002	B21-C (0.0'-0.5') 12/11/2002	B21-D (0.0'-0.5') 12/11/2002	B21-E (0.0'-0.5') 12/11/2002	B21-F (0.0'-0.5') 12/11/2002	B21-G (0.0'-0.5') 12/11/2002
			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Technical chlorophenothane	8270C	ug/kg	ND	ND	ND	ND	ND	ND	4700 NJ	ND	ND	6700 NJ
Unknown	8270C	ug/kg	14200 NJ	4110 NJ	ND	ND	ND	2270 NJ	5490 NJ	28800 NJ	25610 NJ	20730 NJ
Unknown chlorinated benzene	8270C	ug/kg	ND	ND	ND	ND	ND	ND	ND	11200 NJ	ND	ND
Unknown tetrachlorobenzene	8270C	ug/kg	4500 NJ	ND	ND	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds												
1,1,1,2-Tetrachloroethane	8260	ug/kg	4.77 U	7.39 U	8.31 U	ND	ND	6.48 U	5.05 U	4.71 U	4.81 U	5.54 U
1,1,1-Trichloroethane (Methyl chloroform)	8260	ug/kg	4.77 U	7.39 U	8.31 U	ND	ND	6.48 U	5.05 U	4.71 U	4.81 U	5.54 U
1,1,2,2-Tetrachloroethane	8260	ug/kg	4.77 U	7.39 U	8.31 U	ND	ND	6.48 U	5.05 U	4.71 U	4.81 U	5.54 U
1,1,2-Trichloroethane	8260	ug/kg	4.77 U	7.39 U	8.31 U	ND	ND	6.48 U	5.05 U	4.71 U	4.81 U	5.54 U
1,1-Dichloroethane	8260	ug/kg	4.77 U	7.39 U	8.31 U	ND	ND	6.48 U	5.05 U	4.71 U	4.81 U	5.54 U
1,1-Dichloroethylene (Dichloroethylene)	8260	ug/kg	4.77 U	7.39 U	8.31 U	ND	ND	6.48 U	5.05 U	4.71 U	4.81 U	5.54 U
1,2,3-Trichloropropane	8260	ug/kg	4.77 U	7.39 U	8.31 U	ND	ND	6.48 U	5.05 U	4.71 U	4.81 U	5.54 U
1,2-Dibromo-3-chloropropane (DBCP)	8260	ug/kg	4.77 U	7.39 U	8.31 U	ND	ND	6.48 U	5.05 U	4.71 U	4.81 U	5.54 U
1,2-Dibromoethane (Ethylene dibromide)	8260	ug/kg	4.77 U	7.39 U	8.31 U	ND	ND	6.48 U	5.05 U	4.71 U	4.81 U	5.54 U
1,2-Dichloroethane (Ethylene dichloride)	8260	ug/kg	4.77 U	7.39 U	8.31 U	ND	ND	6.48 U	5.05 U	4.71 U	4.81 U	5.54 U
1,2-Dichloropropane	8260	ug/kg	4.77 U	7.39 U	8.31 U	ND	ND	6.48 U	5.05 U	4.71 U	4.81 U	5.54 U
1,4-Dioxane	8260	ug/kg	238.5 R	369.7 R	415.3 U	ND	ND	323.9 R	252.6 R	235.7 R	240.3 R	277.1 R
2-Butanone (Methyl ethyl ketone)	8260	ug/kg	9.54 U	14.79 U	16.61 U	ND	ND	12.95 U	10.1 U	9.43 U	9.61 U	11.08 U
2-Hexanone	8260	ug/kg	9.54 U	14.79 U	16.61 U	ND	ND	12.95 U	10.1 U	9.43 U	9.61 U	11.08 U
2-Methyl-1-propanol (iso-Butyl alcohol)	8260	ug/kg	238.5 R	369.7 R	415.3 U	ND	ND	323.9 R	252.6 R	235.7 R	240.3 R	277.1 R
4-Methyl-2-pentanone (MIBK)	8260	ug/kg	9.54 U	14.79 U	16.61 U	ND	ND	12.95 U	10.1 U	9.43 U	9.61 U	11.08 U
Acetone (2-Propanone, Dimethyl ketone)	8260	ug/kg	9.54 U	14.79 U	16.61 U	ND	ND	24.4	90.2	22.1	12.3	9.7 J
Acetonitrile (Methyl cyanide)	8260	ug/kg	95.43 R	14.79 U	166.1 U	ND	ND	129.5 R	101 R	94.28 R	96.14 R	110.8 R
Acrolein (2-Propenal)	8260	ug/kg	19.09 R	29.57 R	33.22 U	ND	ND	25.91 R	20.21 R	18.86 R	19.23 R	22.17 R
Acrylonitrile (2-Propenenitrile)	8260	ug/kg	19.09 R	29.57 R	33.22 U	ND	ND	25.91 R	20.21 R	18.86 R	19.23 R	22.17 R
Allyl chloride (3-Chloropropene)	8260	ug/kg	9.54 U	14.79 U	16.61 U	ND	ND	12.95 U	10.1 U	9.43 U	9.61 U	11.08 U
Benzene	8260	ug/kg	4.77 U	7.39 U	8.31 U	ND	ND	4 J	5.05 U	0.94 J	1.7 J	5.54 U
Bromodichloromethane	8260	ug/kg	4.77 U	7.39 U	8.31 U	ND	ND	6.48 U	5.05 U	4.71 U	4.81 U	5.54 U
Bromoform	8260	ug/kg	4.77 U	7.39 U	8.31 U	ND	ND	6.48 U	5.05 U	4.71 U	4.81 U	5.54 U
Bromomethane (Methyl bromide)	8260	ug/kg	4.77 U	7.39 U	8.31 U	ND	ND	6.48 U	5.05 U	4.71 U	4.81 U	5.54 U
Carbon disulfide	8260	ug/kg	4.77 U	7.39 U	8.31 U	ND	ND	6.48 U	5.05 U	4.71 U	4.81 U	5.54 U
Carbon tetrachloride	8260	ug/kg	4.77 U	7.39 U	8.31 U	ND	ND	6.48 U	5.05 U	4.71 U	4.81 U	5.54 U
Carbazole	8260	ug/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	8260	ug/kg	4.77 U	7.39 U	8.31 U	ND	ND	3.2 J	1.8 J	1.3 J	4.8 J	5.54 U
Chloroethane	8260	ug/kg	4.77 U	7.39 U	8.31 U	ND	ND	6.48 U	5.05 U	4.71 U	4.81 U	5.54 U
Chloroform	8260	ug/kg	1.9 J	7.39 U	8.31 U	ND	ND	6.48 U	5.05 U	7.4	1.7 J	5.54 U
Chloromethane (Methyl chloride)	8260	ug/kg	4.77 U	7.39 U	8.31 U	ND	ND	6.48 U	5.05 U	4.71 U	4.81 U	5.54 U
Chloroprene (2-Chloro-1,3-butadiene)	8260	ug/kg	4.77 U	7.39 U	8.31 U	ND	ND	6.48 U	5.05 U	4.71 U	4.81 U	5.54 U
cis-1,3-Dichloropropene	8260	ug/kg	4.77 U	7.39 U	8.31 U	ND	ND	6.48 U	5.05 U	4.71 U	4.81 U	5.54 U
Dibromochloromethane	8260	ug/kg	4.77 U	7.39 U	8.31 U	ND	ND	6.48 U	5.05 U	4.71 U	4.81 U	5.54 U
Dibromomethane (Methylene bromide)	8260	ug/kg	4.77 U	7.39 U	8.31 U	ND	ND	6.48 U	5.05 U	4.71 U	4.81 U	5.54 U
Dichlorodifluoromethane (Freon 12)	8260	ug/kg	4.77 R	7.39 R	8.31 U	ND	ND	6.48 R	5.05 R	4.71 R	4.81 R	5.54 R
Ethyl methacrylate (2-Propenoic acid)	8260	ug/kg	9.54 U	14.79 U	16.61 U	ND	ND	12.95 U	10.1 U	9.43 U	9.61 U	11.08 U
Ethylbenzene	8260	ug/kg	4.77 U	7.39 U	8.31 U	ND	ND	6.48 U	5.05 U	4.71 U	4.81 U	5.54 U
Iodomethane (Methyl iodide)	8260	ug/kg	4.77 U	7.39 U	8.31 U	ND	ND	6.48 U	5.05 U	4.71 U	4.81 U	5.54 U
m,p-Xylene	8260	ug/kg	4.77 U	7.39 U	8.31 U	ND	ND	6.48 U	5.05 U	4.71 U	4.81 U	5.54 U
Methacrylonitrile	8260	ug/kg	95.43 R	147.9 R	166.1 U	ND	ND	129.5 R	101 R	94.28 R	96.14 R	110.8 R
Methyl methacrylate	8260	ug/kg	9.54 U	14.79 U	16.61 U	ND	ND	12.95 U	10.1 U	9.43 U	9.61 U	11.08 U
Methylene chloride (Dichloromethane)	8260	ug/kg	4.77 UJ	7.39 UJ	8.31 U	ND	ND	6.48 UJ	5.05 UJ	4.71 UJ	4.81 UJ	5.54 UJ

See notes at end of table.

Table 10D
(Continued)

Parameters	Method	Units	Sample Identification and Date Sampled									
			B21-A (0.0'-0.5')	B21-B (0.0'-0.5')	B21-B Lab Dup (0.0'-0.5')	B21-B MS (0.0'-0.5')	B21-B MSD (0.0'-0.5')	B21-C (0.0'-0.5')	B21-D (0.0'-0.5')	B21-E (0.0'-0.5')	B21-F (0.0'-0.5')	B21-G (0.0'-0.5')
			12/11/2002	12/12/2002	12/11/2002	12/11/2002	12/11/2002	12/11/2002	12/11/2002	12/11/2002	12/11/2002	12/11/2002
o-Xylene	8260	ug/kg	4.77 U	7.39 UJ	8.31 U	ND	ND	6.48 U	5.05 U	4.71 U	4.81 U	5.54 U
Propionitrile (Ethyl cyanide)	8260	ug/kg	19.09 R	29.57 R	33.22 U	ND	ND	25.91 R	20.21 R	18.86 R	19.23 R	22.17 R
Styrene	8260	ug/kg	4.77 U	7.39 U	8.31 U	ND	ND	6.48 U	5.05 U	4.71 U	4.81 U	5.54 U
Tetrachloroethylene (Perchloroethylene)	8260	ug/kg	4.77 U	7.39 U	8.31 U	ND	ND	6.48 U	5.05 U	4.71 U	4.81 U	5.54 U
Toluene	8260	ug/kg	4.77 U	7.39 U	8.31 U	ND	ND	6.48 U	5.05 U	4.71 U	4.81 U	5.54 U
trans-1,2-Dichloroethene	8260	ug/kg	4.77 U	7.39 U	8.31 U	ND	ND	6.48 U	5.05 U	4.71 U	4.81 U	5.54 U
trans-1,3-Dichloropropene	8260	ug/kg	4.77 U	7.39 U	8.31 U	ND	ND	6.48 U	5.05 U	4.71 U	4.81 U	5.54 U
trans-1,4-Dichloro-2-butene	8260	ug/kg	4.77 U	7.39 U	8.31 U	ND	ND	6.48 U	5.05 U	4.71 U	4.81 U	5.54 U
Trichloroethene (Trichloroethylene)	8260	ug/kg	4.77 U	7.39 U	8.31 U	ND	ND	6.48 U	5.05 U	4.71 U	1 J	5.54 U
Trichlorofluoromethane (Freon 11)	8260	ug/kg	4.77 U	7.39 U	8.31 U	ND	ND	6.48 U	5.05 U	4.71 U	4.81 U	5.54 U
Vinyl acetate	8260	ug/kg	9.54 U	14.79 U	16.61 U	ND	ND	12.95 U	10.1 U	9.43 U	9.61 U	11.08 U
Vinyl chloride (Chloroethylene)	8260	ug/kg	4.77 U	7.39 U	8.31 U	ND	ND	6.48 U	5.05 U	4.71 U	4.81 U	5.54 U
Volatile TICs												
Benzene, 1,2,3-trich	8260	ug/kg	8.9 NJ	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorobenzene	8260	ug/kg	9.2 NJ	ND	ND	ND	ND	ND	ND	ND	ND	ND

See notes at end of table.

Table 10D
(Continued)

Parameters	Method	Units	Sample Identification and Date Sampled								
			B21-G Field Dup (0.0'-0.5') 12/11/2002	B21-H (0.0'-0.5') 1/23/2003	B21-H Field Dup (0.0'-0.5') 1/23/2003	B21-H Lab Dup (0.0'-0.5') 1/23/2003	B21-H MS (0.0'-0.5') 1/23/2003	B21-H MSD (0.0'-0.5') 1/23/2003	B21-I (0.0'-0.5') 12/11/2002	B21-J (0.0'-0.5') 12/11/2002	B21-K (0.0'-0.5') 12/11/2002
General Chemistry											
Cyanide (Total)	9010B/9014	mg/kg	1.3 U	1.1 U	1.1 U	1.1 U	6.2	6.4	1.2 U	1.3 U	1.2 U
pH	9045	pH	6.56	7.25	7.34	7.79	7.38	7.61	7.19	6.98	7.21
Metals											
Antimony	6010B	mg/kg	1.6 L	1.2 L	0.45 L	0.99	35	36	5.2 L	0.11 UL	1.6 L
Arsenic	6010B	mg/kg	5.5	2.5 J	2.1 J	1.6	52	55	16	2.3	3.4
Barium	6010B	mg/kg	63 L	39 J	85 J	68	96	98	170 L	280 L	130 L
Beryllium	6010B	mg/kg	0.46	0.58	0.64	0.56	53	55	0.79	2	1.2
Cadmium	6010B	mg/kg	0.59	0.14 J	0.34 J	0.094 J	53	54	1.4	0.84	0.65
Chromium	6010B	mg/kg	17	18	13	14	64	76	30	51	31
Cobalt	6010B	mg/kg	5.9	5.1	9.3	5.5	56	59	16	48	18
Copper	6010B	mg/kg	69	24	11	19	65	70	260	77	24
Lead	6010B	mg/kg	58 J	16	16	14	61	68	210 J	23 J	17 J
Mercury	7471	mg/kg	0.25	0.031 K	0.027 K	0.033 J	0.18	0.16	0.14	0.0096 U	0.12
Nickel	6010B	mg/kg	11	11	9	8.5	60	65	27	42	16
Selenium	6010B	mg/kg	0.44 J	0.63	0.2	0.58	50	52	1.8	1.4	1.5
Silver	6010B	mg/kg	0.1 B	0.22 U	0.22 U	0.2 U	26	26	0.46	0.23 U	0.21 U
Thallium	6010B	mg/kg	2.1 U	2.2 U	2.2 U	2 U	49	50	2.2 U	2.3 U	2.1 U
Tin	6010B	mg/kg	8.7 B	6.1 B	4.6 B	4.5 J	58	61	15 B	6.7 B	4.4 B
Vanadium	6010B	mg/kg	24	19	19	21	69	73	53	77	76
Zinc	6010B	mg/kg	83	51	37	56	91	100	150	100	54
Pesticides/Herbicides/PCB											
Aldrin	8081	mg/kg	10 UJ	0.091 UJ	0.091 UJ	0.09 UD	0.09 UD	0.091 UD	0.99 UJ	0.11 UJ	1 UJ
alpha-BHC	8081	mg/kg	10 UJ	1.4 J	1.5 J	0.75 D	1.1 D	0.76 D	1.1 J	0.11 UJ	1 UJ
alpha-Chlordane	8081	mg/kg	ND	0.0913 UJ	0.0909 UJ	ND	ND	ND	ND	ND	ND
beta-BHC	8081	mg/kg	10 UJ	0.65 J	0.6 J	0.45 D	0.48 D	0.42 D	0.99 UJ	0.14 J	3 J
delta-BHC	8081	mg/kg	10 UJ	0.1 B	0.079 B	0.054 JD	0.11 D	0.057 JD	1.1 J	0.11 UJ	1 UJ
Endrin ketone	8081	mg/kg	ND	0.183 UJ	0.182 UJ	ND	ND	ND	ND	ND	ND
gamma-BHC	8081	mg/kg	10 UJ	0.11 J	0.0909 U	0.058 JD	0.13 D	0.081 JD	0.99 UJ	0.11 UJ	1 UJ
gamma-Chlordane	8081	mg/kg	ND	0.0193 UJ	0.0909 UJ	ND	ND	ND	ND	ND	ND
Technical Chlordane	8081	mg/kg	100 UJ	1.7 UJ	1.7 UJ	1.7 UD	1.7 UD	1.7 UD	9.9 UJ	1.7 UJ	10 UJ
2,4-D	8151A	mg/kg	0.059	0.026 B	0.04 B	0.039 D	0.092 D	0.068 D	0.039 U	0.042 U	0.04 U
4,4'-DDD	8081	mg/kg	38 B	7.52 J	21.2 J	5.9 D	7.2 D	8.9 D	33 B	0.93 B	2.6 B
4,4'-DDE	8081	mg/kg	21 UJ	3.2 J	2.6 J	1.6 D	1.7 D	1.7 D	2.3 J	0.11 J	2.5 J
4,4'-DDT	8081	mg/kg	140 J	17.4 J	21.9 J	12 D	9.7 D	19 D	35 J	0.94 J	8.5 J
Dieldrin	8081	mg/kg	21 UJ	0.183 U	0.182 U	0.18 UD	0.088 JD	0.18 UD	2 UJ	0.21 UJ	2 UJ
Endosulfan I	8081	mg/kg	10 UJ	0.091 UJ	0.091 UJ	0.09 UD	0.09 UD	0.091 UD	0.99 UJ	0.11 UJ	1 UJ
Endosulfan II	8081	mg/kg	21 UJ	0.18 UJ	0.18 UJ	0.18 UD	0.18 UD	0.18 UD	2 UJ	0.21 UJ	2 UJ
Endosulfan sulfate	8081	mg/kg	21 UJ	0.18 UJ	0.18 UJ	0.18 UD	0.18 UD	0.18 UD	2 UJ	0.21 UJ	2 UJ
Endrin	8081	mg/kg	21 UJ	0.18 UJ	0.18 UJ	0.18 UD	0.16 JD	0.17 JD	2 UJ	0.21 UJ	2 UJ
Endrin aldehyde	8081	mg/kg	21 UJ	0.18 UJ	0.18 UJ	0.18 UD	0.18 UD	0.18 UD	2 UJ	0.21 UJ	2 UJ
Heptachlor	8081	mg/kg	10 UJ	0.091 UJ	0.091 UJ	0.09 UD	0.09 UD	0.091 UD	0.99 UJ	0.11 UJ	1 UJ
Heptachlor Epoxide	8081	mg/kg	10 UJ	0.091 UJ	0.091 UJ	0.09 UD	0.09 UD	0.091 UD	0.99 UJ	0.11 UJ	1 UJ
Methoxychlor	8081	mg/kg	100 UJ	0.91 UJ	0.91 UJ	0.9 UD	0.9 UD	0.91 UD	9.9 UJ	1.1 UJ	10 UJ
2,4,5-T	8151A	mg/kg	0.01 U	0.009 U	0.0091 U	0.0091 UD	0.068 D	0.057 D	0.0099 U	0.011 U	0.01 U

See notes at end of table.

Table 10D
(Continued)

Parameters	Method	Units	Sample Identification and Date Sampled								
			B21-G Field Dup (0.0'-0.5')	B21-H (0.0'-0.5')	B21-H Field Dup (0.0'-0.5')	B21-H Lab Dup (0.0'-0.5')	B21-H MS (0.0'-0.5')	B21-H MSD (0.0'-0.5')	B21-I (0.0'-0.5')	B21-J (0.0'-0.5')	B21-K (0.0'-0.5')
			12/11/2002	1/23/2003	1/23/2003	1/23/2003	1/23/2003	1/23/2003	12/11/2002	12/11/2002	12/11/2002
Toxaphene	8081	mg/kg	210 UJ	1.8 UJ	1.8 UJ	1.8 UD	1.8 UD	1.8 UD	20 UJ	2.1 UJ	20 UJ
2,4,5-TP	8151A	mg/kg	0.01 U	0.009 U	0.0091 U	0.0091 UD	0.053 D	0.049 D	0.0099 U	0.011 U	0.01 U
Semivolatile Organic Compounds											
Acenaphthene	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	1400	1300	400 UJ	420 UJ	400 UJ
Acenaphthylene	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
Acetophenone	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
2-Acetylaminofluorene	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
4-Aminobiphenyl	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
Aniline	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
Anthracene	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
Aramite	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
Benzo(a)anthracene	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
Benzo(a)pyrene	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
Benzo(b)fluoranthene	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
Benzo(ghi)perylene	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
Benzo(k)fluoranthene	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
Benzoinic Acid	8270C	ug/kg	1000 UJ	910 UJ	920 UJ	900 U	910 U	900 U	990 UJ	1100 UJ	1000 UJ
Benzyl alcohol	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
Bis(2-Chloroethoxy)methane	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
Bis(2-Chloroethyl)ether	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
Bis(2-Chloroisopropyl)ether	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
Bis(2-Ethylhexyl)phthalate	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
4-Bromophenyl-phenylether	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
Butylbenzylphthalate	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
Carbazole	8270C	ug/kg	NA	360 UJ	370 UJ	NA	NA	NA	NA	NA	NA
4-Chloro-3-methylphenol	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	2000	1900	400 R	420 UJ	400 UJ
4-Chloroaniline	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
Chlorobenzilate	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
2-Chloronaphthalene	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
2-Chlorophenol	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	1900	1900	400 R	420 UJ	400 UJ
4-Chlorophenyl-phenylether	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
Chrysene	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
o-Cresol	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	400 R	420 UJ	400 UJ
m,p-Cresol	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	400 R	420 UJ	400 UJ
Di-n-butylphthalate	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
Di-n-octylphthalate	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
Diallate	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
Dibenz(a,h)anthracene	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
Dibenzo(f,u)furran	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
1,2-Dichlorobenzene	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	400 J	420 UJ	400 UJ
1,3-Dichlorobenzene	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
1,4-Dichlorobenzene	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	1300	1300	420 J	420 UJ	400 UJ
3,3'-Dichlorobenzidine	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
2,4-Dichlorophenol	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	400 R	420 UJ	400 UJ
2,6-Dichlorophenol	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	400 R	420 UJ	400 UJ
Diethylphthalate	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
7,12-Dimethylbenz(A)anthracene	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
Dimethoate	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ

See notes at end of table.

Table 10D
(Continued)

Parameters	Method	Units	Sample Identification and Date Sampled									
			B21-G Field Dup (0.0'-0.5')	B21-H (0.0'-0.5')	B21-H Field Dup (0.0'-0.5')	B21-H Lab Dup (0.0'-0.5')	B21-H MS (0.0'-0.5')	B21-H MSD (0.0'-0.5')	B21-I (0.0'-0.5')	B21-J (0.0'-0.5')	B21-K (0.0'-0.5')	
			12/11/2002	1/23/2003	1/23/2003	1/23/2003	1/23/2003	1/23/2003	1/23/2003	12/11/2002	12/11/2002	
a,a-Dimethylphenethylamine	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ	
p-Dimethylaminoazobenzene	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ	
3,3'-Dimethylbenzidine	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	400 R	420 UJ	400 UJ	
2,4-Dimethylphenol	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ	
Dimethylphthalate	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	830 R	850 UJ	830 UJ	
4,6-Dinitro-2-methylphenol	8270C	ug/kg	830 UJ	830 UJ	830 UJ	830 U	830 U	830 U	400 UJ	420 UJ	400 UJ	
1,3-Dinitrobenzene	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ	
2,4-Dinitrophenol	8270C	ug/kg	830 UJ	830 UJ	830 UJ	830 U	830 U	830 U	830 R	850 UJ	830 UJ	
2,4-Dinitrotoluene	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	1100	400 UJ	420 UJ	400 UJ
2,6-Dinitrotoluene	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
Dinoseb	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
Diphenylamine	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
Disulfoton	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
Ethyl methanesulfonate	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
Famphur	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
Fluoranthene	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
Fluorene	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
Hexachlorobenzene	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
Hexachlorobutadiene	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
Hexachlorocyclopentadiene	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
Hexachloroethane	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
Hexachlorophene	8270C	ug/kg	3300 R	15000 R	15000 R	14000 UD	15000 UD	14000 UD	14000 R	3200 R	3400 R	3200 R
Hexachloropropene	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
Indeno(1,2,3-cd)pyrene	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
Isodrin	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
Isophorone	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
Isosafrole	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
Kepone	8270C	ug/kg	410 R	360 R	370 R	360 U	360 U	360 U	360 U	400 R	420 R	400 R
Methapyrilene	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
Methyl methanesulfonate	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
Methyl parathion	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
3-Methylcholanthrene	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
2-Methylnaphthalene	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
N-nitrosodi-n-butylamine	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
N-nitrosodi-n-propylamine	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	1300	400 UJ	420 UJ	400 UJ
N-nitrosodiethylamine	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
N-nitrosodimethylamine	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
N-nitrosodiphenylamine	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
N-nitrosomethylamine	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
N-nitrosomorpholine	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
N-nitrosopiperidine	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
N-nitrosopyrrolidine	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
Naphthalene	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
1,4-Naphthoquinone	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
1-Naphthylamine	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
2-Naphthylamine	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
5-Nitro-o-toluidine	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
2-Nitroaniline	8270C	ug/kg	830 UJ	830 UJ	830 UJ	830 U	830 U	830 U	830 U	830 UJ	850 UJ	830 UJ

See notes at end of table.

Table 10D
(Continued)

Parameters	Method	Units	Sample Identification and Date Sampled								
			B21-G Field Dup (0.0'-0.5')	B21-H (0.0'-0.5')	B21-H Field Dup (0.0'-0.5')	B21-H Lab Dup (0.0'-0.5')	B21-H MS (0.0'-0.5')	B21-H MSD (0.0'-0.5')	B21-I (0.0'-0.5')	B21-J (0.0'-0.5')	B21-K (0.0'-0.5')
			12/11/2002	1/23/2003	1/23/2003	1/23/2003	1/23/2003	1/23/2003	12/11/2002	12/11/2002	12/11/2002
3-Nitroaniline	8270C	ug/kg	830 UJ	830 UJ	830 UJ	830 U	830 U	830 U	830 UJ	850 UJ	830 UJ
4-Nitroaniline	8270C	ug/kg	830 UJ	830 UJ	830 UJ	830 U	830 U	830 U	830 UJ	850 UJ	830 UJ
Nitrobenzene	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
2-Nitrophenol	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	400 R	420 UJ	400 UJ
4-Nitrophenol	8270C	ug/kg	830 UJ	830 UJ	830 UJ	830 U	1600	1400	830 R	850 UJ	830 UJ
4-Nitroquinoline-1-oxide	8270C	ug/kg	410 R	360 UJ	370 UJ	360 U	360 U	360 U	400 R	420 R	400 R
Parathion	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
Pentachlorobenzene	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
Pentachloroethane	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
Pentachloronitrobenzene	8270C	ug/kg	1000 UJ	910 UJ	920 UJ	900 U	910 U	900 U	990 UJ	1100 UJ	1000 UJ
Pentachlorophenol	8270C	ug/kg	830 UJ	830 UJ	830 UJ	830 U	1600	1600	830 R	850 UJ	830 UJ
Phenacetin	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
Phenanthrene	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
Phenol	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	1900	1900	400 UJ	420 UJ	400 UJ
1,4-Phenylenediamine	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
Phorate	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
2-Picoline	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
Pronamide	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
Pyrene	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	1500	1400	400 UJ	420 UJ	400 UJ
Pyridine	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
Safrole	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
1,2,4,5-Tetrachlorobenzene	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
2,3,4,6-Tetrachlorophenol	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	400 R	420 UJ	400 UJ
Tetraethyl Dithiopyrophosphate	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
Thionazine	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
o-Toluidine	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
1,2,4-Trichlorobenzene	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	1400	1400	400 J	420 UJ	400 UJ
2,4,5-Trichlorophenol	8270C	ug/kg	830 UJ	830 UJ	830 UJ	830 U	830 U	830 U	830 R	850 UJ	830 UJ
2,4,6-Trichlorophenol	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	400 R	420 UJ	400 UJ
0,0,0-Triethylphosphorothioate	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
1,3,5-Trinitrobenzene	8270C	ug/kg	410 UJ	360 UJ	370 UJ	360 U	360 U	360 U	400 UJ	420 UJ	400 UJ
Semivolatile TICs											
alpha-Lindane	8270C	ug/kg	5600 NJ	470 NJ	880 NJ	ND	ND	ND	1700 NJ	ND	1800 NJ
Benzene, 1,1'-methylenebis[4-chl	8270C	ug/kg	ND	ND	ND	ND	ND	ND	140 NJ	ND	
Benzene, 1-chloro-2-[2-chloro-1-(	8270C	ug/kg	ND	250 NJ	ND	ND	ND	ND	ND	ND	
Benzoic acid, 4-chloro	8270C	ug/kg	ND	ND	ND	ND	ND	ND	ND	ND	
Chlorophenothane	8270C	ug/kg	20000 NJ	12000 NJ	8400 NJ	ND	ND	ND	14000 NJ	ND	1800 NJ
Cyclohexane, 1,2,3,4,5,6-hexachl	8270C	ug/kg	ND	370 NJ	350 NJ	ND	ND	ND	ND	100 NJ	ND
o,p'-DDE	8270C	ug/kg	1000 NJ	1700 NJ	190 NJ	ND	ND	ND	ND	ND	340 NJ
o,p'-DDT	8270C	ug/kg	5400 NJ	4400 NJ	1500 NJ	ND	ND	ND	2200 NJ	170 NJ	670 NJ
p,p'-DDE	8270C	ug/kg	ND	510 NJ	890 NJ	ND	ND	ND	ND	ND	2000 NJ
DDMU	8270C	ug/kg	2000 NJ	ND	ND	ND	ND	ND	3700 NJ	ND	ND
delta-Lindane	8270C	ug/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4-Dichlorobenzophenone	8270C	ug/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloro-2,2-bis(p-chlorophen)	8270C	ug/kg	21000 NJ	17000 NJ	3900 NJ	ND	ND	ND	9800 NJ	560 NJ	3300 NJ
Lindane	8270C	ug/kg	ND	ND	ND	ND	ND	ND	2800 NJ	ND	ND
Mitotane	8270C	ug/kg	1200 NJ	5200 NJ	1300 NJ	ND	ND	ND	940 NJ	880 NJ	1300 NJ
Octadecanoic acid, butyl ester	8270C	ug/kg	ND	240 NJ	ND	ND	ND	ND	ND	ND	ND

See notes at end of table.

Table 10D
(Continued)

Parameters	Method	Units	Sample Identification and Date Sampled								
			B21-G Field Dup (0.0'-0.5')	B21-H (0.0'-0.5')	B21-H Field Dup (0.0'-0.5')	B21-H Lab Dup (0.0'-0.5')	B21-H MS (0.0'-0.5')	B21-H MSD (0.0'-0.5')	B21-I (0.0'-0.5')	B21-J (0.0'-0.5')	B21-K (0.0'-0.5')
			12/11/2002	1/23/2003	1/23/2003	1/23/2003	1/23/2003	1/23/2003	12/11/2002	12/11/2002	12/11/2002
Technical chlorophenothane	8270C	ug/kg	7700 NJ	ND	ND	ND	ND	ND	3400 NJ	ND	ND
Unknown	8270C	ug/kg	25640 NJ	1250 NJ	540 NJ	ND	ND	ND	20900 NJ	376 NJ	620 NJ
Unknown chlorinated benzene	8270C	ug/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND
Unknown tetrachlorobenzene	8270C	ug/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds											
1,1,1,2-Tetrachloroethane	8260	ug/kg	5.11 U	4.65 U	4.6 U	4.51 U	ND	ND	5.49 U	5.78 U	5.23 U
1,1,1-Trichloroethane (Methyl chloroform)	8260	ug/kg	5.11 U	4.65 U	4.6 U	4.51 U	ND	ND	5.49 U	5.78 U	5.23 U
1,1,2,2-Tetrachloroethane	8260	ug/kg	5.11 U	4.65 U	4.6 U	4.51 U	ND	ND	5.49 U	5.78 U	5.23 U
1,1,2-Trichloroethane	8260	ug/kg	5.11 U	4.65 U	4.6 U	4.51 U	ND	ND	5.49 U	5.78 U	5.23 U
1,1-Dichloroethane	8260	ug/kg	5.11 U	4.65 U	4.6 U	4.51 U	ND	ND	5.49 U	5.78 U	5.23 U
1,1-Dichloroethylene (Dichloroethylene)	8260	ug/kg	5.11 U	4.65 U	4.6 U	4.51 U	ND	ND	5.49 U	5.78 U	5.23 U
1,2,3-Trichloropropane	8260	ug/kg	5.11 U	4.65 U	4.6 U	4.51 U	ND	ND	5.49 U	5.78 U	5.23 U
1,2-Dibromo-3-chloropropane (DBCP)	8260	ug/kg	5.11 U	4.65 U	4.6 U	4.51 U	ND	ND	5.49 U	5.78 U	5.23 U
1,2-Dibromoethane (Ethylene dibromide)	8260	ug/kg	5.11 U	4.65 U	4.6 U	4.51 U	ND	ND	5.49 U	5.78 U	5.23 U
1,2-Dichloroethane (Ethylene dichloride)	8260	ug/kg	5.11 U	4.65 U	4.6 U	4.51 U	ND	ND	5.49 U	5.78 U	5.23 U
1,2-Dichloropropane	8260	ug/kg	5.11 U	4.65 U	4.6 U	4.51 U	ND	ND	5.49 U	5.78 U	5.23 U
1,4-Dioxane	8260	ug/kg	255.6 R	232.7 R	230.2 R	225.5 U	ND	ND	274.6 R	288.8 R	261.5 R
2-Butanone (Methyl ethyl ketone)	8260	ug/kg	10.23 U	9.31 U	9.21 U	9.02 U	ND	ND	10.99 U	11.55 U	10.46 U
2-Hexanone	8260	ug/kg	10.23 U	9.31 U	9.21 U	9.02 U	ND	ND	10.99 U	11.55 U	10.46 U
2-Methyl-1-propanol (iso-Butyl alcohol)	8260	ug/kg	255.6 R	232.7 R	230.2 R	225.5 U	ND	ND	274.6 R	288.8 R	261.5 R
4-Methyl-2-pantanone (MIBK)	8260	ug/kg	10.23 U	9.31 U	9.21 U	9.02 U	ND	ND	10.99 U	11.55 U	10.46 U
Acetone (2-Propanone, Dimethyl ketone)	8260	ug/kg	10.23 U	80.4	88	47.8	ND	ND	59.9	96.1	10.46 U
Acetonitrile (Methyl cyanide)	8260	ug/kg	102.3 R	93.09 R	92.07 R	90.22 U	ND	ND	109.9 R	115.5 R	104.6 R
Acrolein (2-Propenal)	8260	ug/kg	20.45 R	18.62 R	18.41 R	18.04 U	ND	ND	21.97 R	23.11 R	20.92 R
Acrylonitrile (2-Propenenitrile)	8260	ug/kg	20.45 R	18.62 U	18.41 U	18.04 U	ND	ND	21.97 R	23.11 R	20.92 R
Allyl chloride (3-Chloropropene)	8260	ug/kg	10.23 U	9.31 U	9.21 U	9.02 U	ND	ND	10.99 U	11.55 U	10.46 U
Benzene	8260	ug/kg	5.11 U	3 J	2 J	1.8 J	ND	ND	5.49 U	1.6 J	5.23 U
Bromodichloromethane	8260	ug/kg	5.11 U	4.65 U	4.6 U	4.51 U	ND	ND	5.49 U	5.78 U	5.23 U
Bromoform	8260	ug/kg	5.11 U	4.65 U	4.6 U	4.51 U	ND	ND	5.49 U	5.78 U	5.23 U
Bromomethane (Methyl bromide)	8260	ug/kg	5.11 U	4.65 U	4.6 U	4.51 U	ND	ND	5.49 U	5.78 U	5.23 U
Carbon disulfide	8260	ug/kg	5.11 U	4.65 U	4.6 U	4.51 U	ND	ND	5.49 U	5.78 U	5.23 U
Carbon tetrachloride	8260	ug/kg	5.11 U	4.65 U	4.6 U	4.51 U	ND	ND	5.49 U	5.78 U	5.23 U
Carbazole	8260	ug/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	8260	ug/kg	5.11 U	31.1	19.7	18.5	ND	ND	2.4 J	2.1 J	5.23 U
Chloroethane	8260	ug/kg	5.11 U	4.65 U	4.6 U	4.51 U	ND	ND	5.49 U	5.78 U	5.23 U
Chloroform	8260	ug/kg	1.2 J	12.5	10.7	6.9	ND	ND	5.49 U	5.78 U	5.23 U
Chloromethane (Methyl chloride)	8260	ug/kg	5.11 U	4.65 U	4.6 U	4.51 U	ND	ND	5.49 U	5.78 U	5.23 U
Chloroprene (2-Chloro-1,3-butadiene)	8260	ug/kg	5.11 U	4.65 U	4.6 U	4.51 U	ND	ND	5.49 U	5.78 U	5.23 U
cis-1,3-Dichloropropene	8260	ug/kg	5.11 U	4.65 U	4.6 U	4.51 U	ND	ND	5.49 U	5.78 U	5.23 U
Dibromochloromethane	8260	ug/kg	5.11 U	4.65 U	4.6 U	4.51 U	ND	ND	5.49 U	5.78 U	5.23 U
Dibromomethane (Methylene bromide)	8260	ug/kg	5.11 U	4.65 U	4.6 U	4.51 U	ND	ND	5.49 U	5.78 U	5.23 U
Dichlorodifluoromethane (Freon 12)	8260	ug/kg	5.11 R	4.65 R	4.6 R	4.51 U	ND	ND	5.49 R	5.78 R	5.23 R
Ethyl methacrylate (2-Propenoic acid)	8260	ug/kg	10.23 U	9.31 U	9.21 U	9.02 U	ND	ND	10.99 U	11.55 U	10.46 U
Ethylbenzene	8260	ug/kg	5.11 U	4.65 U	4.6 U	4.51 U	ND	ND	5.49 U	5.78 U	5.23 U
Iodomethane (Methyl iodide)	8260	ug/kg	5.11 U	4.65 U	4.6 U	4.51 U	ND	ND	5.49 U	5.78 U	5.23 U
m,p-Xylene	8260	ug/kg	5.11 U	4.65 U	4.6 U	4.51 U	ND	ND	5.49 U	5.78 U	5.23 U
Methacrylonitrile	8260	ug/kg	102.3 R	93.09 R	92.07 R	90.22 U	ND	ND	109.9 R	115.5 R	104.6 R
Methyl methacrylate	8260	ug/kg	10.23 U	9.31 U	9.21 U	9.02 U	ND	ND	10.99 U	11.55 U	10.46 U
Methylene chloride (Dichloromethane)	8260	ug/kg	5.11 UJ	2.9 J	4.6 U	4.51 U	ND	ND	5.49 UJ	5.78 UJ	5.23 UJ

See notes at end of table.

Table 10D
(Continued)

Parameters	Method	Units	Sample Identification and Date Sampled								
			B21-G Field Dup (0.0'-0.5')	B21-H (0.0'-0.5')	B21-H Field Dup (0.0'-0.5')	B21-H Lab Dup (0.0'-0.5')	B21-H MS (0.0'-0.5')	B21-H MSD (0.0'-0.5')	B21-I (0.0'-0.5')	B21-J (0.0'-0.5')	B21-K (0.0'-0.5')
			12/11/2002	1/23/2003	1/23/2003	1/23/2003	1/23/2003	1/23/2003	12/11/2002	12/11/2002	12/11/2002
o-Xylene	8260	ug/kg	5.11 U	4.65 U	4.6 U	4.51 U	ND	ND	5.49 U	5.78 U	5.23 U
Propionitrile (Ethyl cyanide)	8260	ug/kg	20.45 R	18.62 R	18.41 R	18.04 U	ND	ND	21.97 R	23.11 R	20.92 R
Styrene	8260	ug/kg	5.11 U	4.65 U	4.6 U	4.51 U	ND	ND	5.49 U	5.78 U	5.23 U
Tetrachloroethylene (Perchloroethylene)	8260	ug/kg	5.11 U	8.7 J	7.7 J	3.4 J	ND	ND	5.49 U	5.78 U	5.23 U
Toluene	8260	ug/kg	5.11 U	1.2 J	1 J	4.51 U	ND	ND	5.49 U	5.78 U	5.23 U
trans-1,2-Dichloroethene	8260	ug/kg	5.11 U	4.65 U	4.6 U	4.51 U	ND	ND	5.49 U	5.78 U	5.23 U
trans-1,3-Dichloropropene	8260	ug/kg	5.11 U	4.65 U	4.6 U	4.51 U	ND	ND	5.49 U	5.78 U	5.23 U
trans-1,4-Dichloro-2-butene	8260	ug/kg	5.11 U	4.65 U	4.6 U	4.51 U	ND	ND	5.49 U	5.78 U	5.23 U
Trichloroethene (Trichloroethylene)	8260	ug/kg	5.11 U	2.8 J	2.4 J	1.5 J	ND	ND	5.49 U	5.78 U	5.23 U
Trichlorofluoromethane (Freon 11)	8260	ug/kg	5.11 U	4.65 U	4.6 U	4.51 U	ND	ND	5.49 U	5.78 U	5.23 U
Vinyl acetate	8260	ug/kg	10.23 U	9.31 R	9.21 R	9.02 U	ND	ND	10.99 U	11.55 U	10.46 U
Vinyl chloride (Chloroethylene)	8260	ug/kg	5.11 U	4.65 U	4.6 U	4.51 U	ND	ND	5.49 U	5.78 U	5.23 U
Volatile TICs											
Benzene, 1,2,3-trich	8260	ug/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorobenzene	8260	ug/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes:

U - Not Detected - The associated number indicates approximate sample concentration necessary to be detected.

J - Analyte Present - Reported value may not be accurate or precise.

D - Analyte Present - Results reported from diluted analysis.

B - Not Detected - Not detected substantially above the level reported in the laboratory or field blanks.

R - Unusable Results - Analyte may or may not be present in the sampling.

UJ - Not Detected - Quantitation limit may be inaccurate or imprecise.

K - Analyte Present - Reported value may be biased high. Actual value is expected to be lower.

L - Analyte Present - Reported value may be biased low. Actual value is expected to be higher.

N - Consider Present - Tentative identification. Special methods may be needed to confirm its presence or absence in future sampling efforts.

ND - Denotes none detected.

NA - Denotes not applicable.

Table 10E

**Summary of Soil Analytical Results
SWMU 23 - Past Landfill - Area XI
General Chemical Corporation
Delaware Valley Works Facility
Claymont, Delaware**

Parameters	Method	Units	Sample Identification and Date Sampled							
			B23-A (2.0') 11/19/2002	B23-B (0.0'-0.5') 11/19/2002	B23-C (0.0'-0.5') 11/19/2002	B23-D (0.0'-0.5') 11/19/2002	B23-E (0.0'-0.5') 11/19/2002	B23-F (0.0'-0.5') 11/19/2002	B23-G (0.0'-0.5') 11/19/2002	B23-G Field Dup (0.0'-0.5') 11/19/2002
General Chemistry										
Cyanide (Total)	9010B/9014	mg/kg	1.6	1.1 U	1.2 U	1.1 U	1.2 U	36	1.2 U	1.2 U
pH	9045	pH	6.79	7.81	7.19	7.56	7.1	7.62	8.3	8.06
Metals										
Antimony	6010B	mg/kg	11 L	4.2 L	2.5 L	3.6 L	3.6 L	14 L	4.8 L	40 L
Arsenic	6010B	mg/kg	6800 K	660 K	50 K	89 K	4200 K	700 K	16 K	100 K
Barium	6010B	mg/kg	4600 J	500 J	360 J	1000 J	1800 J	1000 J	890 J	780 J
Beryllium	6010B	mg/kg	0.47	0.4	0.58	0.33	0.46	0.42	0.4	53
Cadmium	6010B	mg/kg	2.5 J	2.8 J	3.8 J	3.3 J	2.1 J	2.2 J	2.3 J	53 J
Chromium	6010B	mg/kg	21 J	29 J	34 J	59 J	41 J	140 J	310 J	220 J
Cobalt	6010B	mg/kg	11	11	14	12	14	12	16	62
Copper	6010B	mg/kg	180 K	200 K	260 K	150 K	180 K	300 K	140 K	340 K
Lead	6010B	mg/kg	450 K	430 K	220 K	260 K	410 K	340 K	170 K	310 K
Mercury	7471	mg/kg	100 J	90 J	2.4 J	4.2 J	12 J	110 J	13 J	6.6 J
Nickel	6010B	mg/kg	18 J	21 J	36 J	29 J	31 J	29 J	36 J	77 J
Selenium	6010B	mg/kg	57 J	5.7 J	12 J	19 J	4.5 J	18 J	7 J	54
Silver	6010B	mg/kg	1.9	0.73	0.58 B	1.1	0.77	1.2	1.1	28
Thallium	6010B	mg/kg	2.1 U	2 U	2.3 U	2 U	2.5 U	2.2 U	2.1 U	47 U
Tin	6010B	mg/kg	28	23	13 B	24	31	78	18 B	72 B
Vanadium	6010B	mg/kg	30 L	39 L	41 L	41 L	45 L	46 L	110 L	120 L
Zinc	6010B	mg/kg	2200 J	760 J	740 J	640 J	1300 J	880 J	1100 J	780 J
Pesticides/Herbicides/PCB										
Aldrin	8081	mg/kg	10 UJ	9.4 UJ	9.7 UJ	9.1 UJ	10 UJ	9.2 UJ	9.8 UJ	9.8 UJ
alpha-BHC	8081	mg/kg	99 J	9.4 UJ	472 J	8.1 JD	32 JD	29 J	9.8 UJ	9.8 UJ
alpha-Chlordane	8081	mg/kg	10.2 UJ	9.45 UJ	5.18 J	9.16 UJ	10.2 UJ	9.20 UJ	9.73 UJ	9.83 UJ
beta-BHC	8081	mg/kg	20 J	35 J	83 J	8.7 JD	86 J	25 J	9.8 UJ	0.00313 J
delta-BHC	8081	mg/kg	12 J	9.4 UJ	20 J	9.1 UJ	5.6 J	9.2 UJ	9.8 UJ	9.8 UJ
Endrin ketone	8081	mg/kg	20.6 UJ	18.9 UJ	19.3 UJ	18.4 UJ	20.5 UJ	18.4 UJ	19.5 UJ	19.7 UJ
gamma-BHC	8081	mg/kg	23 J	9.4 UJ	9.62 U	9.1 UJ	11 J	5.7 J	9.8 UJ	9.8 UJ
gamma-Chlordane	8081	mg/kg	10.2 UJ	9.45 UJ	9.62 UJ	9.16 UJ	11.9 J	9.20 UJ	9.73 UJ	9.83 UJ
Technical Chlordane	8081	mg/kg	100 UJ	94 UJ	97 UJ	91 UJ	100 UJ	92 UJ	98 UJ	98 UJ
2,4-D	8151A	mg/kg	0.031 UJ	0.038 UJ	0.04 R	0.037 UJ	0.068 J	0.037 UJ	0.039 UD	0.039 UJ
4,4'-DDD	8081	mg/kg	280 J	25 J	2270 J	72 JD	390 J	61 J	52 J	44 J
4,4'-DDE	8081	mg/kg	17 J	36 J	66 J	48 JD	130 J	58 J	180 J	160 J
4,4'-DDT	8081	mg/kg	36 J	220 J	46 J	110 JD	6430 J	825 J	710 J	614 J
Dieldrin	8081	mg/kg	21 UJ	19 UJ	19 UJ	18 UJ	20.5 UJ	18 UJ	20 UJ	20 UJ
Endosulfan I	8081	mg/kg	10 UJ	9.4 UJ	9.7 UJ	9.1 UJ	10 UJ	9.2 UJ	9.8 UJ	9.8 UJ
Endosulfan II	8081	mg/kg	21 UJ	19 UJ	19 UJ	18 UJ	20 UJ	18 UJ	20 UJ	20 UJ
Endosulfan sulfate	8081	mg/kg	21 UJ	19 UJ	19 UJ	18 UJ	20 UJ	18 UJ	20 UJ	20 UJ
Endrin	8081	mg/kg	21 UJ	19 UJ	19 UJ	18 UJ	24 R	18 UJ	20 UJ	20 UJ
Endrin aldehyde	8081	mg/kg	21 UJ	19 UJ	19 UJ	18 UJ	20 UJ	18 UJ	20 UJ	20 UJ
Heptachlor	8081	mg/kg	10 UJ	9.4 UJ	9.7 UJ	9.1 UJ	10 UJ	9.2 UJ	9.8 UJ	9.8 UJ
Heptachlor Epoxide	8081	mg/kg	10 UJ	9.4 UJ	9.7 UJ	9.1 UJ	10 UJ	9.2 UJ	9.8 UJ	9.8 UJ
Methoxychlor	8081	mg/kg	100 UJ	94 UJ	97 UJ	91 UJ	100 UJ	92 UJ	98 UJ	98 UJ

See notes at end of table.

Table 10E
(Continued)

Parameters	Method	Units	Sample Identification and Date Sampled							
			B23-A (2.0')	B23-B (0.0'-0.5')	B23-C (0.0'-0.5')	B23-D (0.0'-0.5')	B23-E (0.0'-0.5')	B23-F (0.0'-0.5')	B23-G (0.0'-0.5')	B23-G Field Dup (0.0'-0.5')
			11/19/2002	11/19/2002	11/19/2002	11/19/2002	11/19/2002	11/19/2002	11/19/2002	11/19/2002
2,4,5-T	8151A	mg/kg	0.0056 UJ	0.0095 UJ	0.0096 UJ	0.0091 UJ	0.01 UJ	0.0092 UJ	0.0098 UJ	0.0098 UJ
Toxaphene	8081	mg/kg	210 UJ	190 UJ	190 UJ	180 UJ	200 UJ	180 UJ	200 UJ	200 UJ
2,4,5-TP	8151A	mg/kg	0.01 UJ	0.0095 UJ	0.013 R	0.0091 UJ	0.01 UJ	0.0092 UJ	0.0098 UJ	0.0098 UJ
Semivolatile Organic Compounds										
Acenaphthene	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
Acenaphthylene	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
Acetophenone	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
2-Acetylaminofluorene	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
4-Aminobiphenyl	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
Aniline	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
Anthracene	8270C	ug/kg	4100 UJ	230 J	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
Aramite	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
Benz(a)anthracene	8270C	ug/kg	4100 UJ	1100 J	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	520 J
Benz(a)pyrene	8270C	ug/kg	4100 UJ	1000 J	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	490 J
Benz(b)fluoranthene	8270C	ug/kg	4100 UJ	1000 J	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	530 J
Benz(ghi)perylene	8270C	ug/kg	4100 UJ	750 J	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	390 J
Benz(k)fluoranthene	8270C	ug/kg	4100 UJ	940 J	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	470 J
Benzoic Acid	8270C	ug/kg	10000 UJ	940 UJ	9600 UJ	9200 UJ	10000 UJ	9200 UJ	980 UJ	990 UJ
Benzyl alcohol	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
Bis(2-Chloroethoxy)methane	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
Bis(2-Chloroethyl)ether	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
Bis(2-Chloroisopropyl)ether	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
Bis(2-Ethylhexyl)phthalate	8270C	ug/kg	4100 UJ	380 UJ	3600 J	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
4-Bromophenyl-phenylether	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
Butylbenzylphthalate	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
Carbazole	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
4-Chloro-3-methylphenol	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
4-Chloroaniline	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
Chlorobenzilate	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
2-Chloronaphthalene	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
2-Chlorophenol	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
4-Chlorophenyl-phenylether	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
Chrysene	8270C	ug/kg	4100 UJ	1100 J	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	550 UJ
o-Cresol	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
m,p-Cresol	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
Di-n-butylphthalate	8270C	ug/kg	4100 UJ	190 J	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
Di-n-octylphthalate	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
Diallate	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
DibenZ(a,h)anthracene	8270C	ug/kg	4100 UJ	280 J	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
Dibenzofuran	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
1,2-Dichlorobenzene	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
1,3-Dichlorobenzene	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
1,4-Dichlorobenzene	8270C	ug/kg	3000 J	380 UJ	4900 J	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
3,3'-Dichlorobenzidine	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 J
2,4-Dichlorophenol	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
2,6-Dichlorophenol	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
Diethylphthalate	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
7,12-Dimethylbenz(A)anthracene	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ

See notes at end of table.

Table 10E
(Continued)

Parameters	Method	Units	Sample Identification and Date Sampled							
			B23-A (2.0')	B23-B (0.0'-0.5')	B23-C (0.0'-0.5')	B23-D (0.0'-0.5')	B23-E (0.0'-0.5')	B23-F (0.0'-0.5')	B23-G (0.0'-0.5')	B23-G Field Dup (0.0'-0.5')
			11/19/2002	11/19/2002	11/19/2002	11/19/2002	11/19/2002	11/19/2002	11/19/2002	11/19/2002
Dimethoate	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
a,a-Dimethylphenethylamine	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
p-Dimethylaminoazobenzene	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
3,3'-Dimethylbenzidine	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
2,4-Dimethylphenol	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
Dimethylphthalate	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
4,6-Dinitro-2-methylphenol	8270C	ug/kg	8100 UJ	830 UJ	7700 UJ	7400 UJ	8100 UJ	7400 UJ	830 UJ	830 UJ
1,3-Dinitrobenzene	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
2,4-Dinitrophenol	8270C	ug/kg	8100 UJ	830 UJ	7700 UJ	7400 UJ	8100 UJ	7400 UJ	830 UJ	830 UJ
2,4-Dinitrotoluene	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	200 J
2,6-Dinitrotoluene	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
Dinoseb	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
Diphenylamine	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
Disulfoton	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
Ethyl methanesulfonate	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
Famphur	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
Fluoranthene	8270C	ug/kg	4100 UJ	2000 J	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	820 J
Fluorene	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
Hexachlorobenzene	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
Hexachlorobutadiene	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
Hexachlorocyclopentadiene	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
Hexachloroethane	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
Hexachlorophene	8270C	ug/kg	32000 UJ	3000 UJ	31000 UJ	29000 UJ	32000 UJ	29000 UJ	3100 UJ	3200 UJ
Hexachloropropene	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
Indeno(1,2,3-cd)pyrene	8270C	ug/kg	4100 UJ	670 J	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	390 J
Isodrin	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
Isophorone	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
Isosafrole	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
Kepone	8270C	ug/kg	4100 R	380 R	3800 R	3700 R	4100 R	3700 R	390 R	400 R
Methapyrilene	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
Methyl methanesulfonate	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
Methyl parathion	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
3-Methylcholanthrene	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
2-Methylnaphthalene	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
N-nitrosodi-n-butylamine	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
N-nitrosodi-n-propylamine	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
N-nitrosodiethylamine	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
N-nitrosodimethylamine	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
N-nitrosodiphenylamine	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
N-nitrosomethylalkylamine	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
N-nitrosomorpholine	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
N-nitrosopiperidine	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
N-nitrosopyrrolidine	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
Naphthalene	8270C	ug/kg	83000 J	1100 J	3800 UJ	3700 UJ	4100 UJ	38000 J	390 UJ	400 UJ
1,4-Naphthoquinone	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
1-Naphthylamine	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
2-Naphthylanine	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
5-Nitro-o-toluidine	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ

See notes at end of table.

Table 10E
(Continued)

Parameters	Method	Units	Sample Identification and Date Sampled							
			B23-A (2.0')	B23-B (0.0'-0.5')	B23-C (0.0'-0.5')	B23-D (0.0'-0.5')	B23-E (0.0'-0.5')	B23-F (0.0'-0.5')	B23-G (0.0'-0.5')	B23-G Field Dup (0.0'-0.5')
			11/19/2002	11/19/2002	11/19/2002	11/19/2002	11/19/2002	11/19/2002	11/19/2002	11/19/2002
2-Nitroaniline	8270C	ug/kg	8100 UJ	830 UJ	7700 UJ	7400 UJ	8100 UJ	7400 UJ	830 UJ	830 UJ
3-Nitroaniline	8270C	ug/kg	8100 UJ	830 UJ	7700 UJ	7400 UJ	8100 UJ	7400 UJ	830 UJ	830 UJ
4-Nitroaniline	8270C	ug/kg	8100 UJ	830 UJ	7700 UJ	7400 UJ	8100 UJ	7400 UJ	830 UJ	830 UJ
Nitrobenzene	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
2-Nitrophenol	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
4-Nitrophenol	8270C	ug/kg	8100 UJ	830 UJ	7700 UJ	7400 UJ	8100 UJ	7400 UJ	830 UJ	830 UJ
4-Nitroquinoline-1-oxide	8270C	ug/kg	4100 UJ	380 R	3800 R	3700 R	4100 R	3700 R	390 UJ	400 R
Parathion	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
Pentachlorobenzene	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
Pentachloroethane	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
Pentachloronitrobenzene	8270C	ug/kg	10000 UJ	940 UJ	9600 UJ	9200 UJ	10000 UJ	9200 UJ	980 UJ	990 UJ
Pentachlorophenol	8270C	ug/kg	8100 UJ	830 UJ	7700 UJ	7400 UJ	8100 UJ	7400 UJ	830 UJ	830 UJ
Phenacetin	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
Phenanthrene	8270C	ug/kg	4100 UJ	1300 J	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	450 J
Phenol	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
1,4-Phenylenediamine	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
Phorate	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
2-Picoline	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
Pronamide	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
Pyrene	8270C	ug/kg	4100 UJ	1600 J	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	810 UJ
Pyridine	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
Safrole	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
1,2,4,5-Tetrachlorobenzene	8270C	ug/kg	4100 UJ	200 J	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
2,3,4,6-Tetrachlorophenol	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
Tetraethyl Dithiopyrophosphate	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
Thionazine	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
o-Toluidine	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
1,2,4-Trichlorobenzene	8270C	ug/kg	4100 UJ	630 J	4400 J	3700 UJ	2800 J	2500 J	200 UJ	280 J
2,4,5-Trichlorophenol	8270C	ug/kg	8100 UJ	830 UJ	7700 UJ	7400 UJ	8100 UJ	7400 UJ	830 UJ	830 UJ
2,4,6-Trichlorophenol	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
0,0,0-Triethylphosphorothioate	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
1,3,5-Trinitrobenzene	8270C	ug/kg	4100 UJ	380 UJ	3800 UJ	3700 UJ	4100 UJ	3700 UJ	390 UJ	400 UJ
Semivolatile TICs										
Benzene,1,1'-methylenebis[4-chl]	8270C	ug/kg	ND	ND	ND	ND	ND	ND	1600 NJ	2800 NJ
Cyclohexane,1,2,3,4,5,6-hexachl	8270C	ug/kg	ND	ND	34000 NJ	ND	ND	ND	ND	ND
o,p'-DDT	8270C	ug/kg	ND	39000 NJ	ND	ND	ND	ND	5200 NJ	34000 NJ
p,p'-DDE	8270C	ug/kg	15000 NJ	20000 NJ	ND	ND	ND	ND	63000 NJ	76000 NJ
DDMU	8270C	ug/kg	ND	ND	ND	ND	ND	ND	670 NJ	ND
1,1-Dichloro-2,2-bis(p-chlorophen)	8270C	ug/kg	ND	ND	ND	ND	ND	95000 NJ	ND	ND
Unknown	8270C	ug/kg	109900 NJ	164500 NJ	1688000 NJ	227300 NJ	1173000 NJ	1351000 NJ	241560 NJ	297500 NJ
Unknown benzene isomer	8270C	ug/kg	ND	ND	ND	ND	16000 NJ	ND	ND	ND
Unknown DDE isomer	8270C	ug/kg	ND	1400 NJ	ND	30,900 NJ	29000 NJ	46000 NJ	ND	ND
Unknown naphthalene isomer	8270C	ug/kg	383,000 NJ	58,500 NJ	ND	ND	ND	157,100 NJ	ND	1100 NJ
Volatile Organic Compounds										
1,1,1,2-Tetrachloroethane	8260	ug/kg	6.00 U	5.18 U	5.20 U	5.41 U	6.43 U	4.86 U	5.46 U	7.13 U
1,1,1-Trichloroethane (Methyl chloroform)	8260	ug/kg	6.00 U	5.18 U	5.20 U	5.41 U	6.43 U	4.86 U	5.46 U	7.13 U
1,1,2,2-Tetrachloroethane	8260	ug/kg	6.00 U	5.18 U	5.20 U	5.41 U	6.43 U	4.86 U	5.46 U	7.13 U
1,1,2-Trichloroethane	8260	ug/kg	6.00 U	5.18 U	5.20 U	5.41 U	6.43 U	4.86 U	5.46 U	7.13 U
1,1-Dichloroethane	8260	ug/kg	6.00 U	5.18 U	5.20 U	5.41 U	6.43 U	4.86 U	5.46 U	7.13 U

See notes at end of table.

Table 10E
(Continued)

Parameters	Method	Units	Sample Identification and Date Sampled							
			B23-A (2.0')	B23-B (0.0'-0.5')	B23-C (0.0'-0.5')	B23-D (0.0'-0.5')	B23-E (0.0'-0.5')	B23-F (0.0'-0.5')	B23-G (0.0'-0.5')	B23-G Field Dup (0.0'-0.5')
			11/19/2002	11/19/2002	11/19/2002	11/19/2002	11/19/2002	11/19/2002	11/19/2002	11/19/2002
1,1-Dichloroethene (Dichloroethylene)	8260	ug/kg	6.00 U	5.18 U	5.20 U	5.41 U	6.43 U	4.86 U	5.46 U	7.13 U
1,2-Trichloropropane	8260	ug/kg	6.00 U	5.18 U	5.20 U	5.41 U	6.43 U	4.86 U	5.46 U	7.13 U
1,2-Dibromo-3-chloropropane (DBCP)	8260	ug/kg	6.00 U	5.18 U	5.20 U	5.41 U	6.43 U	4.86 U	5.46 U	7.13 U
1,2-Dibromoethane (Ethylene dibromide)	8260	ug/kg	6.00 U	5.18 U	5.20 U	5.41 U	6.43 U	4.86 U	5.46 U	7.13 U
1,2-Dichloroethane (Ethylene dichloride)	8260	ug/kg	6.00 U	5.18 U	5.20 J	5.41 U	6.43 U	4.86 U	5.46 U	7.13 U
1,2-Dichloropropane	8260	ug/kg	6.00 U	5.18 U	5.20 U	5.41 U	6.43 U	4.86 U	5.46 U	7.13 U
1,4-Dioxane	8260	ug/kg	300 R	259 R	260 R	270 R	321 R	243 R	273 R	356 R
2-Butanone (Methyl ethyl ketone)	8260	ug/kg	12.0 J	10.4 U	10.4 J	10.8 J	48.5	9.72 J	10.9 J	14.3 U
2-Hexanone	8260	ug/kg	12.0 U	10.4 U	10.4 U	10.8 U	12.9 U	9.72 U	10.9 U	14.3 U
2-Methyl-1-propanol (iso-Butyl alcohol)	8260	ug/kg	300 R	259 R	260 R	270 R	321 R	243 R	273 R	356 R
4-Methyl-2-pentanone (MIBK)	8260	ug/kg	12.0 U	10.4 U	10.4 U	10.8 U	12.9 U	9.72 U	10.9 U	14.3 U
Acetone (2-Propanone, Dimethyl ketone)	8260	ug/kg	17.3 B	11.4 B	21.6 B	42.9 B	260	22.6 B	18.6 B	38.1 B
Acetonitrile (Methyl cyanide)	8260	ug/kg	120 R	104 R	104 R	108 R	129 R	97.2 R	109 R	143 R
Acrolein (2-Propenal)	8260	ug/kg	24.0 R	20.7 R	20.8 R	21.6 R	25.7 R	19.4 R	21.8 R	28.5 R
Acrylonitrile (2-Propenenitrile)	8260	ug/kg	24.0 U	20.7 U	20.8 U	21.6 U	25.7 U	19.4 U	21.8 U	28.5 U
Allyl chloride (3-Chloropropene)	8260	ug/kg	12.0 U	10.4 U	10.4 U	10.8 U	12.9 U	9.72 U	10.9 U	14.3 U
Benzene	8260	ug/kg	9.80 U	5.18 U	76.2	5.41 J	6.43 U	11.7	5.46 U	7.13 U
Bromodichloromethane	8260	ug/kg	6.00 U	5.18 U	5.20 U	5.41 U	6.43 U	4.86 U	5.46 U	7.13 U
Bromoform	8260	ug/kg	6.00 U	5.18 U	5.20 U	5.41 U	6.43 U	4.86 U	5.46 U	7.13 U
Bromomethane (Methyl bromide)	8260	ug/kg	6.00 U	5.18 U	5.20 U	5.41 U	6.43 U	4.86 U	5.46 U	7.13 U
Carbon disulfide	8260	ug/kg	6.00 B	5.18 U	5.20 B	5.41 B	6.43 U	4.86 U	5.46 B	7.13 U
Carbon tetrachloride	8260	ug/kg	6.00 UJ	5.18 UJ	5.20 UJ	5.41 UJ	6.43 UJ	4.86 UJ	5.46 UJ	7.13 J
Carbazole	8260	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	8260	ug/kg	6.00 J	5.18 U	64.1	21.8	8.10	4.86 J	5.46 U	7.13 U
Chloroethane	8260	ug/kg	6.00 U	5.18 U	5.20 U	5.41 U	6.43 U	4.86 U	5.46 U	7.13 U
Chloroform	8260	ug/kg	28.6	5.70 U	5.20 J	5.41 J	34.9	11.7	29.0	110
Chloromethane (Methyl chloride)	8260	ug/kg	6.00 U	5.18 U	5.20 U	5.41 U	6.43 U	4.86 U	5.46 U	7.13 U
Chloroprene (2-Chloro-1,3-butadiene)	8260	ug/kg	6.00 U	5.18 U	5.20 U	5.41 U	6.43 U	4.86 U	5.46 U	7.13 U
cis-1,3-Dichloropropene	8260	ug/kg	6.00 U	5.18 U	5.20 U	5.41 U	6.43 U	4.86 U	5.46 U	7.13 U
Dibromochloromethane	8260	ug/kg	6.00 U	5.18 U	5.20 U	5.41 U	6.43 U	4.86 U	5.46 U	7.13 U
Dibromomethane (Methylene bromide)	8260	ug/kg	6.00 U	5.18 U	5.20 U	5.41 U	6.43 U	4.86 U	5.46 U	7.13 U
Dichlorodifluoromethane (Freon 12)	8260	ug/kg	6.00 R	5.18 R	5.20 R	5.41 R	6.43 R	4.86 R	5.46 R	7.13 R
Ethyl methacrylate (2-Propenoic acid)	8260	ug/kg	12.0 U	10.4 U	10.4 U	10.8 U	12.9 U	9.72 U	10.9 U	14.3 U
Ethylbenzene	8260	ug/kg	6.00 U	5.18 U	5.20 U	5.41 U	6.43 U	4.86 U	5.46 U	7.13 U
Iodomethane (Methyl iodide)	8260	ug/kg	6.00 U	5.18 U	5.20 U	5.41 U	6.43 U	4.86 U	5.46 U	7.13 U
m,p-Xylene	8260	ug/kg	6.00 U	5.18 U	5.20 U	5.41 U	6.43 U	4.86 U	5.46 U	7.13 U
Methacrylonitrile	8260	ug/kg	120 R	104 R	104 R	108 R	129 R	97.2 R	109 R	143 R
Methyl methacrylate	8260	ug/kg	12.0 U	10.4 U	10.4 U	10.8 U	12.9 U	9.72 U	10.9 U	14.3 U
Methylene chloride (Dichloromethane)	8260	ug/kg	6.00 U	5.18 B	5.20 U	5.41 U	6.43 U	4.86 U	5.46 U	7.13 B
o-Xylene	8260	ug/kg	6.00 U	5.18 U	5.20 U	5.41 U	6.43 U	4.86 U	5.46 U	7.13 U
Propionitrile (Ethyl cyanide)	8260	ug/kg	24.0 R	20.7 R	20.8 R	21.6 R	25.7 R	19.4 R	21.8 R	28.5 R
Styrene	8260	ug/kg	6.00 U	5.18 U	5.20 U	5.41 U	6.43 U	4.86 U	5.46 U	7.13 U
Tetrachloroethene (Perchloroethylene)	8260	ug/kg	6.00 U	5.18 U	5.20 U	5.41 U	6.43 U	4.86 J	5.46 U	7.13 U
Toluene	8260	ug/kg	6.00 U	5.18 U	5.20 U	5.41 U	6.43 U	4.86 U	5.46 U	7.13 U
trans-1,2-Dichloroethene	8260	ug/kg	6.00 U	5.18 U	5.20 U	5.41 U	6.43 U	4.86 U	5.46 U	7.13 U
trans-1,3-Dichloropropene	8260	ug/kg	6.00 U	5.18 U	5.20 U	5.41 U	6.43 U	4.86 U	5.46 U	7.13 U
trans-1,4-Dichloro-2-butene	8260	ug/kg	6.00 U	5.18 U	5.20 U	5.41 U	6.43 U	4.86 U	5.46 U	7.13 U
Trichloroethene (Trichloroethylene)	8260	ug/kg	80.0	5.18 J	5.20 U	5.41 U	23.1	27.5	5.46 U	7.13 J
Trichlorofluoromethane (Freon 11)	8260	ug/kg	6.00 U	5.18 U	5.20 U	5.41 U	6.43 U	4.86 U	5.46 U	7.13 U

See notes at end of table.

Table 16E
(Continued)

Parameters	Method	Units	Sample Identification and Date Sampled							
			B23-A (2.0')	B23-B (0.0'-0.5')	B23-C (0.0'-0.5')	B23-D (0.0'-0.5')	B23-E (0.0'-0.5')	B23-F (0.0'-0.5')	B23-G (0.0'-0.5')	B23-G Field Dup (0.0'-0.5')
			11/19/2002	11/19/2002	11/19/2002	11/19/2002	11/19/2002	11/19/2002	11/19/2002	11/19/2002
Vinyl acetate	8260	ug/kg	12.0 U	10.4 U	10.4 U	10.8 U	12.9 U	9.72 U	10.9 U	14.3 U
Vinyl chloride (Chloroethene)	8260	ug/kg	6.00 U	5.18 U	5.20 U	5.41 U	6.43 U	4.86 J	5.46 U	7.13 U
Volatile TICs										
Benzene, 1,2-dichlor	8260	ug/kg	ND	ND	6.1 NJ	5.9 NJ	ND	ND	ND	ND
Benzene,1,2,4-trich	8260	ug/kg	ND	ND	5.2 NJ	6.2 NJ	ND	ND	ND	ND
1,3-Butadiene,1,1,2	8260	ug/kg	ND	ND	ND	ND	ND	ND	ND	3.8 NJ
1,2-Dichloro-1,1,2-trifluoroethane	8260	ug/kg	ND	ND	ND	ND	ND	ND	4.9 NJ	ND
Ethene, cis1,2-dichloro	8260	ug/kg	4.0 NJ	ND	ND	ND	ND	14 NJ	ND	ND
Ethane,1,2-dichlor,1,1,2-TCF	8260	ug/kg	7.6 NJ	ND	ND	ND	ND	ND	ND	24 NJ
Ethane,1,2-dichlor,1,1,2-trifluoro	8260	ug/kg	ND	ND	83 NJ	17 NJ	ND	ND	ND	ND
Ethane,1,1,2-TF,1,2-dichloro	8260	ug/kg	ND	ND	ND	ND	ND	8.6	ND	ND
Unknown	8260	ug/kg	ND	ND	14.2 NJ	6.5 NJ	ND	ND	ND	ND

Notes:

U - Not Detected - The associated number indicates approximate sample concentration necessary to be detected.

J - Analyte Present - Reported value may not be accurate or precise.

D - Analyte Present - Results reported from diluted analysis.

B - Not Detected - Not detected substantially above the level reported in the laboratory or field blanks.

R - Unusable Results - Analyte may or may not be present in the sampling.

UJ - Not Detected - Quantitation limit may be inaccurate or imprecise.

K - Analyte Present - Reported value may be biased high. Actual value is expected to be lower.

L - Analyte Present - Reported value may be biased low. Actual value is expected to be higher.

N - Consider Present - Tentative identification. Special methods may be needed to confirm its presence or absence in future sampling efforts.

ND - Denotes none detected.

NA - Denotes not applicable.

Table 10F
Summary of Soil Analytical Results
SWMU 27 - Environmental Production Station - North
General Chemical Corporation
Delaware Valley Works Facility
Claymont, Delaware

Parameters	Method	Units	Sample Identification and Date Sampled					
			B27-A (0.0'-0.5') 12/12/2002	B27-B (0.0'-0.5') 12/12/2002	B27-C (0.0'-0.5') 12/12/2002	B27-C Field Dup (0.0'-0.5') 12/12/2002	B27-D (0.0'-0.5') 12/12/2002	B27-E (0.0'-0.5') 12/12/2002
General Chemistry								
Cyanide (Total)	9010B/9014	mg/kg	1.3 U	1.2 U	1.2 U	NA	1.2 U	1.1 U
pH	9045	pH	8.64	10.18	9.26	NA	11.08	8.83
Metals								
Antimony	6010B	mg/kg	0.64	0.42 J	0.55	NA	4.2	0.62
Arsenic	6010B	mg/kg	2.4 J	2.9 J	2 J	NA	12 J	2.1 J
Barium	6010B	mg/kg	50 L	51 L	110 L	NA	54 L	25 L
Beryllium	6010B	mg/kg	0.37	0.44	0.42	NA	0.34	0.28
Cadmium	6010B	mg/kg	0.26	0.34	0.25	NA	1.8	0.17 J
Chromium	6010B	mg/kg	22 L	25 L	12 L	NA	21 L	8.1 L
Cobalt	6010B	mg/kg	3.5	4.1	3.6	NA	7.7	4.8
Copper	6010B	mg/kg	36 L	74 L	14 L	NA	140 L	7.8 L
Lead	6010B	mg/kg	140 L	72 L	25 L	NA	73 L	7 L
Mercury	7471	mg/kg	0.024 L	0.05 L	0.0053 UL	NA	0.044 L	0.016 L
Nickel	6010B	mg/kg	14 L	19 L	6.4 L	NA	17 L	5.1 L
Selenium	6010B	mg/kg	3.4 R	1.1	0.71	NA	1.4	0.6
Silver	6010B	mg/kg	0.056 B	0.2 B	0.14 B	NA	0.55	0.016 UR
Thallium	6010B	mg/kg	2.1 U	2.2 U	2.2 U	NA	2 U	2.2 UR
Tin	6010B	mg/kg	44	41	9.2 B	NA	12 B	4.2 B
Vanadium	6010B	mg/kg	16 J	20 J	17 J	NA	28 J	22 J
Zinc	6010B	mg/kg	28 L	39 L	20 L	NA	65 L	11 L
Pesticides/Herbicides/PCB								
Aldrin	8081	mg/kg	0.1 UJ	10 UJ	0.1 UJ	NA	1 UJ	0.19 UJ
alpha-BHC	8081	mg/kg	0.1 UJ	10 UJ	0.1 UJ	NA	1 UJ	0.19 UJ
alpha-Chlordane	8081	mg/kg	ND	ND	ND	NA	ND	ND
beta-BHC	8081	mg/kg	0.081 J	10 UJ	0.052 J	NA	1.3 J	0.19 UJ
delta-BHC	8081	mg/kg	0.1 UJ	10 UJ	0.1 UJ	NA	1 UJ	0.19 UJ
Endrin ketone	8081	mg/kg	ND	ND	ND	NA	ND	ND
gamma-BHC	8081	mg/kg	0.1 UJ	10 UJ	0.1 UJ	NA	1 UJ	0.19 UJ
gamma-Chlordane	8081	mg/kg	ND	ND	ND	NA	ND	ND
Technical Chlordane	8081	mg/kg	1.7 UJ	100 UJ	1.7 UJ	NA	10 UJ	1.9 UJ
2,4-D	8151A	mg/kg	0.042 U	0.04 U	0.041 U	NA	0.041 U	0.038 U
4,4'-DDD	8081	mg/kg	0.43 J	20 UJ	0.28 J	NA	2.7 J	0.59 J
4,4'-DDE	8081	mg/kg	1.4 J	21 J	0.7 J	NA	19 J	6 J
4,4'-DDT	8081	mg/kg	2.3 J	82 J	1.4 J	NA	23 J	2.2 J
Dieldrin	8081	mg/kg	0.21 UJ	20 UJ	0.21 UJ	NA	2 UJ	0.38 UJ
Endosulfan I	8081	mg/kg	0.1 UJ	10 UJ	0.1 UJ	NA	1 UJ	0.19 UJ
Endosulfan II	8081	mg/kg	0.21 UJ	20 UJ	0.21 UJ	NA	2 UJ	0.38 UJ
Endosulfan sulfate	8081	mg/kg	0.21 UJ	20 UJ	0.21 UJ	NA	2 UJ	0.38 UJ
Endrin	8081	mg/kg	0.21 UJ	20 UJ	0.21 UJ	NA	2 UJ	0.38 UJ
Endrin aldehyde	8081	mg/kg	0.21 UJ	20 UJ	0.21 UJ	NA	2 UJ	0.38 UJ
Heptachlor	8081	mg/kg	0.1 UJ	10 UJ	0.1 UJ	NA	1 UJ	0.19 UJ
Heptachlor Epoxide	8081	mg/kg	0.1 UJ	10 UJ	0.1 UJ	NA	1 UJ	0.19 UJ
Methoxychlor	8081	mg/kg	1 UJ	100 UJ	1 UJ	NA	10 UJ	1.9 UJ
2,4,5-T	8151A	mg/kg	0.01 U	0.01 U	0.01 U	NA	0.01 U	0.0095 U
Toxaphene	8081	mg/kg	2.1 UJ	200 UJ	2.1 UJ	NA	20 UJ	3.8 UJ
2,4,5-TP	8151A	mg/kg	0.01 U	0.01 U	0.01 U	NA	0.01 U	0.0095 U

See notes at end of table.

Table 10F
(Continued)

Parameters	Method	Units	Sample Identification and Date Sampled					
			B27-A (0.0'-0.5') 12/12/2002	B27-B (0.0'-0.5') 12/12/2002	B27-C (0.0'-0.5') 12/12/2002	B27-C Field Dup (0.0'-0.5') 12/12/2002	B27-D (0.0'-0.5') 12/12/2002	B27-E (0.0'-0.5') 12/12/2002
Semivolatile Organic Compounds								
Acenaphthene	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
Acenaphthylene	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
Acetophenone	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
2-Acetylaminofluorene	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
4-Aminobiphenyl	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
Aniline	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
Anthracene	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
Aramite	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
Benzo(a)anthracene	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
Benzo(a)pyrene	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
Benzo(b)fluoranthene	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
Benzo(ghi)perylene	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
Benzo(k)fluoranthene	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
Benzoic Acid	8270C	ug/kg	1000 UJ	1000 UJ	NA	1000 UJ	940 UJ	
Benzyl alcohol	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
Bis(2-Chloroethoxy)methane	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
Bis(2-Chloroethyl)ether	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
Bis(2-Chloroisopropyl)ether	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
Bis(2-Ethylhexyl)phthalate	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
4-Bromophenyl-phenylether	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
Butylbenzylphthalate	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
Carbazole	8270C	ug/kg	ND	ND	ND	NA	ND	ND
4-Chloro-3-methylphenol	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
4-Chloroaniline	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
Chlorobenzilate	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
2-Chloronaphthalene	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
2-Chlorophenol	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
4-Chlorophenyl-phenylether	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
Chrysene	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
o-Cresol	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
m,p-Cresol	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
Di-n-butylphthalate	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
Di-n-octylphthalate	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
Diallate	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
Dibenz(a,h)anthracene	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
Dibenzofuran	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
1,2-Dichlorobenzene	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
1,3-Dichlorobenzene	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
1,4-Dichlorobenzene	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
3,3'-Dichlorobenzidine	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
2,4-Dichlorophenol	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
2,6-Dichlorophenol	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
Diethylphthalate	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
7,12-Dimethylbenz(A)anthracene	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
Dimethoate	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
a,a-Dimethylphenethylamine	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
p-Dimethylaminoazobenzene	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
3,3'-Dimethylbenzidine	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
2,4-Dimethylphenol	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
Dimethylphthalate	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
4,6-Dinitro-2-methylphenol	8270C	ug/kg	840 UJ	830 UJ	830 UJ	NA	830 UJ	830 UJ
1,3-Dinitrobenzene	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ

See notes at end of table.

Table 10F
(Continued)

Parameters	Method	Units	Sample Identification and Date Sampled					
			B27-A (0.0'-0.5') 12/12/2002	B27-B (0.0'-0.5') 12/12/2002	B27-C (0.0'-0.5') 12/12/2002	B27-C Field Dup (0.0'-0.5') 12/12/2002	B27-D (0.0'-0.5') 12/12/2002	B27-E (0.0'-0.5') 12/12/2002
2,4-Dinitrophenol	8270C	ug/kg	840 UJ	830 UJ	NA	NA	830 UJ	830 UJ
2,4-Dinitrotoluene	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
2,6-Dinitrotoluene	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
Dinoseb	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
Diphenylamine	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
Disulfoton	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
Ethyl methanesulfonate	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
Famphur	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
Fluoranthene	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
Fluorene	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
Hexachlorobenzene	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
Hexachlorobutadiene	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
Hexachlorocyclopentadiene	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
Hexachloroethane	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
Hexachlorophene	8270C	ug/kg	3300 R	3200 R	3300 R	NA	3300 R	3000 R
Hexachloropropene	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
Indeno(1,2,3-cd)pyrene	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
Isodrin	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
Isophorone	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
Isosafrole	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
Kepone	8270C	ug/kg	420 R	400 R	410 R	NA	410 R	380 R
Methapyrilene	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
Methyl methanesulfonate	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
Methyl parathion	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
3-Methylcholanthrene	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
2-Methylnaphthalene	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
N-nitrosodi-n-butylamine	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
N-nitrosodi-n-propylamine	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
N-nitrosodiethylamine	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
N-nitrosodimethylamine	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
N-nitrosodiphenylamine	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
N-nitrosomethylamine	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
N-nitrosomorpholine	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
N-nitrosopiperidine	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
N-nitrosopyrrolidine	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
Naphthalene	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
1,4-Naphthoquinone	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
1-Naphthylamine	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
2-Naphthylamine	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
5-Nitro-o-toluidine	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
2-Nitroaniline	8270C	ug/kg	840 UJ	830 UJ	830 UJ	NA	830 UJ	830 UJ
3-Nitroaniline	8270C	ug/kg	840 UJ	830 UJ	830 UJ	NA	830 UJ	830 UJ
4-Nitroaniline	8270C	ug/kg	840 UJ	830 UJ	830 UJ	NA	830 UJ	830 UJ
Nitrobenzene	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
2-Nitrophenol	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
4-Nitrophenol	8270C	ug/kg	840 UJ	830 UJ	830 UJ	NA	830 UJ	830 UJ
4-Nitroquinoline-1-oxide	8270C	ug/kg	420 R	400 R	410 R	NA	410 R	380 R
Parathion	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
Pentachlorobenzene	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
Pentachloroethane	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
Pentachloronitrobenzene	8270C	ug/kg	1000 UJ	1000 UJ	1000 UJ	NA	1000 UJ	940 UJ
Pentachlorophenol	8270C	ug/kg	840 UJ	830 UJ	830 UJ	NA	830 UJ	830 UJ
Phenacetin	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ

See notes at end of table.

Table 10F
(Continued)

Parameters	Method	Units	Sample Identification and Date Sampled					
			B27-A (0.0'-0.5') 12/12/2002	B27-B (0.0'-0.5') 12/12/2002	B27-C (0.0'-0.5') 12/12/2002	B27-C Field Dup (0.0'-0.5') 12/12/2002	B27-D (0.0'-0.5') 12/12/2002	B27-E (0.0'-0.5') 12/12/2002
Phenanthrene	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
Phenol	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
1,4-Phenylenediamine	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
Phorate	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
2-Picoline	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
Pronamide	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
Pyrene	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
Pyridine	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
Safrole	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
1,2,4,5-Tetrachlorobenzene	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
2,3,4,6-Tetrachlorophenol	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
Tetraethyl Dithiopyrophosphate	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
Thionazine	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
o-Toluidine	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
1,2,4-Trichlorobenzene	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	220 J	380 UJ
2,4,5-Trichlorophenol	8270C	ug/kg	840 UJ	830 UJ	830 UJ	NA	830 UJ	830 UJ
2,4,6-Trichlorophenol	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
0,0,0-Triethylphosphorothioate	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
1,3,5-Trinitrobenzene	8270C	ug/kg	420 UJ	400 UJ	410 UJ	NA	410 UJ	380 UJ
Semivolatile TICs								
alpha-Lindane	8270C	ug/kg	ND	ND	ND	NA	700 NJ	ND
Anthracene, 9,10-dichloro	8270C	ug/kg	ND	ND	ND	NA	500 NJ	ND
Benzene, 1-chloro-2-[2-chloro-1-(	8270C	ug/kg	ND	ND	ND	NA	1000 NJ	ND
Chlorophenthane	8270C	ug/kg	2200 NJ	7700 NJ	710 NJ	NA	12000 NJ	1500 NJ
o,p'-DDE	8270C	ug/kg	ND	ND	590 NJ	NA	2200 NJ	420 NJ
o,p'-DDT	8270C	ug/kg	430 NJ	2900 NJ	230 NJ	NA	3600 NJ	330 NJ
p,p'-DDE	8270C	ug/kg	1000 NJ	2100 NJ	ND	NA	12000 NJ	2800 NJ
DDMU	8270C	ug/kg	260 NJ	740 NJ	ND	NA	4500 NJ	720 NJ
1,1-Dichloro-2,2-bis(p-chlorophen)	8270C	ug/kg	890 NJ	1400 NJ	370 NJ	NA	3300 NJ	230 NJ
Mitotane	8270C	ug/kg	330 NJ	620 NJ	210 NJ	NA	ND	720 NJ
Unknown	8270C	ug/kg	8650 NJ	5110 NJ	220 NJ	NA	3710 NJ	ND
Unknown dichloro anthracene	8270C	ug/kg	ND	340 NJ	ND	NA	ND	ND
Volatile Organic Compounds								
1,1,1,2-Tetrachloroethane	8260	ug/kg	5.2 U	4.99 U	5.44 U	5.51 U	5.18 U	5.01 U
1,1,1-Trichloroethane (Methyl chloroform)	8260	ug/kg	5.2 U	4.99 U	5.44 U	5.51 U	5.18 U	5.01 U
1,1,2,2-Tetrachloroethane	8260	ug/kg	5.2 U	4.99 U	5.44 U	5.51 U	5.18 U	5.01 U
1,1,2-Trichloroethane	8260	ug/kg	5.2 U	4.99 U	5.44 U	5.51 U	5.18 U	5.01 U
1,1-Dichloroethane	8260	ug/kg	5.2 U	4.99 U	5.44 U	5.51 U	5.18 U	5.01 U
1,1-Dichloroethylene (Dichloroethylene)	8260	ug/kg	5.2 U	4.99 U	5.44 U	5.51 U	5.18 U	5.01 U
1,2,3-Trichloropropane	8260	ug/kg	5.2 U	4.99 U	5.44 U	5.51 U	5.18 U	5.01 U
1,2-Dibromo-3-chloropropane (DBCP)	8260	ug/kg	5.2 U	4.99 U	5.44 U	5.51 U	5.18 U	5.01 U
1,2-Dibromoethane (Ethylene dibromide)	8260	ug/kg	5.2 U	4.99 U	5.44 U	5.51 U	5.18 U	5.01 U
1,2-Dichloroethane (Ethylene dichloride)	8260	ug/kg	5.2 U	4.99 U	5.44 U	5.51 U	5.18 U	5.01 U
1,2-Dichloropropane	8260	ug/kg	5.2 U	4.99 U	5.44 U	5.51 U	5.18 U	5.01 U
1,4-Dioxane	8260	ug/kg	260.1 R	249.6 R	272.2 R	275.7 R	259.1 R	250.2 R
2-Butanone (Methyl ethyl ketone)	8260	ug/kg	10.4 U	9.99 U	10.89 U	11.03 U	10.36 U	10.01 U
2-Hexanone	8260	ug/kg	10.4 U	9.99 U	10.89 U	11.03 U	10.36 U	10.01 U
2-Methyl-1-propanol (iso-Butyl alcohol)	8260	ug/kg	260.1 R	249.6 R	272.2 R	275.7 R	259.1 R	250.2 R
4-Methyl-2-pentanone (MIBK)	8260	ug/kg	49.2	43.3	2.3 J	2.5 J	3 J	10.01 R
Acetone (2-Propanone, Dimethyl ketone)	8260	ug/kg	41.7	51.2	10.89 U	11.03 U	19.3	26.1
Acetonitrile (Methyl cyanide)	8260	ug/kg	104 R	99.88 R	108.9 R	110.3 R	103.6 R	100.1 R
Acrolein (2-Propenal)	8260	ug/kg	20.81 R	19.98 R	21.77 R	22.06 R	20.72 R	20.02 R

See notes at end of table.

Table 10F
(Continued)

Parameters	Method	Units	Sample Identification and Date Sampled					
			B27-A (0.0'-0.5') 12/12/2002	B27-B (0.0'-0.5') 12/12/2002	B27-C (0.0'-0.5') 12/12/2002	B27-C Field Dup (0.0'-0.5') 12/12/2002	B27-D (0.0'-0.5') 12/12/2002	B27-E (0.0'-0.5') 12/12/2002
Acrylonitrile (2-Propenenitrile)	8260	ug/kg	20.81 R	19.98 R	21.77 R	22.06 R	20.72 R	20.02 R
Allyl chloride (3-Chloropropene)	8260	ug/kg	10.4 U	9.99 U	10.89 U	11.03 U	10.36 U	10.01 U
Benzene	8260	ug/kg	1.4 J	4.99 U	5.44 U	5.51 U	5.18 U	5.01 U
Bromodichloromethane	8260	ug/kg	5.2 U	4.99 U	5.44 U	5.51 U	5.18 U	5.01 U
Bromoform	8260	ug/kg	5.2 U	4.99 U	5.44 U	5.51 U	5.18 U	5.01 U
Bromomethane (Methyl bromide)	8260	ug/kg	5.2 U	4.99 U	5.44 U	5.51 U	5.18 U	5.01 U
Carbon disulfide	8260	ug/kg	5.2 U	4.99 U	5.44 U	5.51 U	5.18 U	5.01 U
Carbon tetrachloride	8260	ug/kg	5.2 U	4.99 U	5.44 U	5.51 U	5.18 U	5.01 U
Carbazole	8260	ug/kg	ND	ND	NA	ND	ND	ND
Chlorobenzene	8260	ug/kg	5.2 U	4.99 U	5.44 U	5.51 U	5.18 U	5.01 U
Chloroethane	8260	ug/kg	5.2 U	4.99 U	5.44 U	5.51 U	5.18 U	5.01 U
Chloroform	8260	ug/kg	5.2 U	4.99 U	5.44 U	5.51 U	5.18 U	5.01 U
Chloromethane (Methyl chloride)	8260	ug/kg	5.2 U	4.99 U	5.44 U	5.51 U	5.18 U	5.01 U
Chloroprene (2-Chloro-1,3-butadiene)	8260	ug/kg	5.2 U	4.99 U	5.44 U	5.51 U	5.18 U	5.01 U
cis-1,3-Dichloropropene	8260	ug/kg	5.2 U	4.99 U	5.44 U	5.51 U	5.18 U	5.01 U
Dibromochloromethane	8260	ug/kg	5.2 U	4.99 U	5.44 U	5.51 U	5.18 U	5.01 U
Dibromomethane (Methylene bromide)	8260	ug/kg	5.2 U	4.99 U	5.44 U	5.51 U	5.18 U	5.01 U
Dichlorodifluoromethane (Freon 12)	8260	ug/kg	5.2 R	4.99 R	5.44 R	5.51 R	5.18 R	5.01 R
Ethyl methacrylate (2-Propenoic acid)	8260	ug/kg	10.4 U	9.99 U	10.89 U	11.03 U	10.36 U	10.01 U
Ethylbenzene	8260	ug/kg	1.4 J	4.99 U	5.44 U	5.51 U	5.18 U	5.01 U
Iodomethane (Methyl iodide)	8260	ug/kg	5.2 U	4.99 U	5.44 U	5.51 U	5.18 U	5.01 U
m,p-Xylene	8260	ug/kg	6.6	4.99 U	5.44 U	5.51 U	5.18 U	5.01 U
Methacrylonitrile	8260	ug/kg	104 R	99.88 R	108.9 R	110.3 R	103.6 R	100.1 R
Methyl methacrylate	8260	ug/kg	10.4 U	9.99 U	10.89 U	11.03 U	10.36 U	10.01 U
Methylene chloride (Dichloromethane)	8260	ug/kg	5.2 UJ	4.99 UJ	5.44 UJ	23.7 B	5.18 UJ	14.2 B
o-Xylene	8260	ug/kg	2.2 J	4.99 U	5.44 U	5.51 U	5.18 U	5.01 U
Propionitrile (Ethyl cyanide)	8260	ug/kg	20.81 R	19.98 R	21.77 R	22.06 R	20.72 R	20.02 R
Styrene	8260	ug/kg	5.2 U	4.99 U	5.44 U	5.51 U	5.18 U	5.01 U
Tetrachloroethene (Perchloroethylene)	8260	ug/kg	5.2 U	4.99 U	5.44 U	5.51 U	5.18 U	5.01 U
Toluene	8260	ug/kg	5.2 U	4.99 U	5.44 U	5.51 U	5.18 U	5.01 U
trans-1,2-Dichloroethene	8260	ug/kg	5.2 U	4.99 U	5.44 U	5.51 U	5.18 U	5.01 U
trans-1,3-Dichloropropene	8260	ug/kg	5.2 U	4.99 U	5.44 U	5.51 U	5.18 U	5.01 U
trans-1,4-Dichloro-2-butene	8260	ug/kg	5.2 U	4.99 U	5.44 U	5.51 U	5.18 U	5.01 U
Trichloroethene (Trichloroethylene)	8260	ug/kg	5.2 U	4.99 U	5.44 U	5.51 U	5.18 U	5.01 U
Trichlorofluoromethane (Freon 11)	8260	ug/kg	5.2 U	4.99 U	5.44 U	5.51 U	5.18 U	5.01 U
Vinyl acetate	8260	ug/kg	10.4 R	9.99 R	10.89 U	11.03 U	10.36 U	10.01 U
Vinyl chloride (Chloroethene)	8260	ug/kg	5.2 U	4.99 U	5.44 U	5.51 U	5.18 U	5.01 U
Volatile TICs								
Unknown	8260	ug/kg	ND	ND	ND	ND	8.5 NJ	ND

See notes at end of table.

Notes:

U - Not Detected - The associated number indicates approximate sample concentration necessary to be detected.

J - Analyte Present - Reported value may not be accurate or precise.

D - Analyte Present - Results reported from diluted analysis.

B - Not Detected - Not detected substantially above the level reported in the laboratory or field blanks.

R - Unusable Results - Analyte may or may not be present in the sampling.

UJ - Not Detected - Quantitation limit may be inaccurate or imprecise.

K - Analyte Present - Reported value may be biased high. Actual value is expected to be lower.

L - Analyte Present - Reported value may be biased low. Actual value is expected to be higher.

N - Consider Present - Tentative identification. Special methods may be needed to confirm its presence or absence in future sampling efforts.

ND - Denotes none detected.

NA - Denotes not applicable.

Table 10G
Summary of Soil Analytical Results
SWMU 28 - Hypo Muds Accumulation Area
General Chemical Corporation
Delaware Valley Works Facility
Claymont, Delaware

Parameters	Method	Units	Sample Identification and Date Sampled					
			B28-A (0.0'-0.5') 12/12/2002	B28-A Laboratory Dup (0.0'-0.5') 12/12/2002	B28-A MS (0.0'-0.5') 12/12/2002	B28-A MSD (0.0'-0.5') 12/12/2002	B28-B (0.0'-0.5') 12/12/2002	B28-C (0.0'-0.5') 12/12/2002
General Chemistry								
pH	9045	pH	7.83	7.81	7.81	7.8	7	7.98
Metals								
Antimony	6010B	mg/kg	2.4	1.7	65	66	1.5	1.4
Arsenic	6010B	mg/kg	11 J	6.2	68	70	5.2 J	1.4 J
Barium	6010B	mg/kg	140 L	87	140	160	73 L	50 L
Beryllium	6010B	mg/kg	0.7	0.51	60	62	0.51	0.4
Cadmium	6010B	mg/kg	0.75	0.37	56	58	0.33	0.12 J
Chromium	6010B	mg/kg	31 L	12	80	75	20 L	4.3 L
Cobalt	6010B	mg/kg	13	4.5	61	66	3.9	1.9
Copper	6010B	mg/kg	85 L	43	91	120	44 L	13 L
Lead	6010B	mg/kg	110 L	68	140	130	93 L	13 L
Mercury	7471	mg/kg	0.36 L	0.4	0.44	0.5	0.32 L	0.36 L
Nickel	6010B	mg/kg	47 L	17	70	85	9.7 L	5.8 L
Selenium	6010B	mg/kg	5	3.7	67	69	1.4	0.34 J
Silver	6010B	mg/kg	0.49	0.19 J	32	33	0.25 B	0.024 U
Thallium	6010B	mg/kg	2.8 U	2.4 U	56	58	2.4 U	2.5 U
Tin	6010B	mg/kg	14 B	8.7 J	67	73	5.8 B	5.4 B
Vanadium	6010B	mg/kg	13 J	7.1	65	70	8.6 J	4.2 J
Zinc	6010B	mg/kg	190 L	100	110	200	58 L	17 L

Notes:

U - Not Detected - The associated number indicates approximate sample concentration necessary to be detected.

J - Analyte Present - Reported value may not be accurate or precise.

D - Analyte Present - Results reported from diluted analysis.

B - Not Detected - Not detected substantially above the level reported in the laboratory or field blanks.

R - Unusable Results - Analyte may or may not be present in the sampling.

UJ - Not Detected - Quantitation limit may be inaccurate or imprecise.

K - Analyte Present - Reported value may be biased high. Actual value is expected to be lower.

L - Analyte Present - Reported value may be biased low. Actual value is expected to be higher.

N - Consider Present - Tentative identification. Special methods may be needed to confirm its presence or absence in future sampling efforts.

ND - Denotes none detected.

NA - Denotes not applicable.

Table 10H
Summary of Soil Analytical Results
AOC 1 - Tank 15 Spill Area
General Chemical Corporation
Delaware Valley Works Facility
Claymont, Delaware

Parameters	Method	Units	Sample Identification and Date Sampled	
			BT15-A (0.0'-0.5')	BT15-B (0.0'-0.5')
			11/22/2002	11/22/2002
General Chemistry				
pH	9045	pH	3.84	5.54
Metals				
Antimony	6010B	mg/kg	0.35 J	0.099 U
Arsenic	6010B	mg/kg	4.7	1.7
Barium	6010B	mg/kg	35	23
Beryllium	6010B	mg/kg	0.34	0.2
Cadmium	6010B	mg/kg	0.3	0.18
Chromium	6010B	mg/kg	14	9.3
Cobalt	6010B	mg/kg	4.4	1.4
Copper	6010B	mg/kg	42	7.9
Lead	6010B	mg/kg	17	5.2
Mercury	7471	mg/kg	0.043	0.0093
Nickel	6010B	mg/kg	10	3.5
Selenium	6010B	mg/kg	1.7	0.59
Silver	6010B	mg/kg	0.14 B	0.12 B
Thallium	6010B	mg/kg	2 U	2 U
Tin	6010B	mg/kg	6.2 B	3.7 B
Vanadium	6010B	mg/kg	17	11
Zinc	6010B	mg/kg	70	11

Notes:

U - Not Detected - The associated number indicates approximate sample concentration necessary to be detected.

J - Analyte Present - Reported value may not be accurate or precise.

D - Analyte Present - Results reported from diluted analysis.

B - Not Detected - Not detected substantially above the level reported in the laboratory or field blanks.

R - Unusable Results - Analyte may or may not be present in the sampling.

UJ - Not Detected - Quantitation limit may be inaccurate or imprecise.

K - Analyte Present - Reported value may be biased high. Actual value is expected to be lower.

L - Analyte Present - Reported value may be biased low. Actual value is expected to be higher.

N - Consider Present - Tentative identification. Special methods may be needed to confirm its presence or absence in future sampling efforts.

ND - Denotes none detected.

NA - Denotes not applicable.

Table 10I
Summary of Soil Analytical Results
AOC 3 - Pesticide Investigation/Remediation Areas (North Plant)
General Chemical Corporation
Delaware Valley Works Facility
Claymont, Delaware

Parameters	Method	Units	Sample Identification and Date Sampled						
			BPA-A (0.0'-0.5') 12/12/2002	BPA-B (0.0'-0.5') 12/12/2002	BPA-C (0.0'-0.5') 12/12/2002	BPA-D (0.0'-0.5') 12/12/2002	BPA-E (0.0'-0.5') 12/12/2002	BPA-F (0.0'-0.5') 12/12/2002	BPA-G (0.0'-0.5') 12/12/2002
Pesticides/Herbicides/PCB									
Aldrin	8081	mg/kg	0.11 UJ	1.4 UJ	1.2 UJ	0.21 UJ	0.1 UJ	0.2 UJ	0.092 UJ
alpha-BHC	8081	mg/kg	0.11 UJ	1.4 UJ	1.2 UJ	0.21 UJ	0.1 UJ	0.2 UJ	0.0922 UJ
alpha-Chlordane	8081	mg/kg	NA	NA	NA	NA	NA	NA	NA
beta-BHC	8081	mg/kg	0.11 UJ	1.4 UJ	1.2 UJ	0.21 UJ	0.1 UJ	0.2 UJ	0.057 J
delta-BHC	8081	mg/kg	0.11 UJ	1.4 UJ	1.2 UJ	0.21 UJ	0.1 UJ	0.2 UJ	0.092 UJ
Endrin ketone	8081	mg/kg	NA	NA	NA	NA	NA	NA	NA
gamma-BHC	8081	mg/kg	0.11 UJ	1.4 UJ	1.2 UJ	0.21 UJ	0.1 UJ	0.2 UJ	0.092 UJ
gamma-Chlordane	8081	mg/kg	NA	NA	NA	NA	NA	NA	NA
Technical Chlordane	8081	mg/kg	1.7 UJ	14 UJ	12 UJ	2.1 UJ	1.7 UJ	2 UJ	1.7 UJ
2,4-D	8151A	mg/kg	0.046 U	0.056 U	0.047 U	0.042 U	0.041 U	0.041 U	0.087 U
4,4'-DDD	8081	mg/kg	0.23 UJ	3.5 J	8.6 J	1.1 J	0.21 UJ	5.6 J	1.6 J
4,4'-DDE	8081	mg/kg	0.42 J	1.8 J	2.1 J	0.97 J	0.21 J	4.5 J	1.1 J
4,4'-DDT	8081	mg/kg	1.3 J	50 J	25 J	7.7 J	0.96 J	5.3 J	1.2 J
Dieldrin	8081	mg/kg	0.23 UJ	2.8 UJ	2.4 UJ	0.42 UJ	0.21 UJ	0.4 UJ	0.18 UJ
Endosulfan I	8081	mg/kg	0.11 UJ	1.4 UJ	1.2 UJ	0.21 UJ	0.1 UJ	0.2 UJ	0.092 UJ
Endosulfan II	8081	mg/kg	0.23 UJ	2.8 UJ	2.4 UJ	0.42 UJ	0.21 UJ	0.4 UJ	0.18 UJ
Endosulfan sulfate	8081	mg/kg	0.23 UJ	2.8 UJ	2.4 UJ	0.42 UJ	0.21 UJ	0.4 UJ	0.18 UJ
Endrin	8081	mg/kg	0.23 UJ	2.8 UJ	2.4 UJ	0.42 UJ	0.21 UJ	0.4 UJ	0.18 UJ
Endrin aldehyde	8081	mg/kg	0.23 UJ	2.8 UJ	2.4 UJ	0.42 UJ	0.21 UJ	0.4 UJ	0.18 UJ
Heptachlor	8081	mg/kg	0.11 UJ	1.4 UJ	1.2 UJ	0.21 UJ	0.1 UJ	0.2 UJ	0.092 UJ
Heptachlor Epoxide	8081	mg/kg	0.11 UJ	1.4 UJ	1.2 UJ	0.21 UJ	0.1 UJ	0.2 UJ	0.092 UJ
Methoxychlor	8081	mg/kg	1.1 UJ	14 UJ	12 UJ	2.1 UJ	1 UJ	2 UJ	0.92 UJ
2,4,5-T	8151A	mg/kg	0.02 J	0.012 J	0.012 U	0.011 U	0.01 U	0.01 U	0.0092 U
Toxaphene	8081	mg/kg	2.3 UJ	28 UJ	24 UJ	4.2 UJ	2.1 UJ	4 UJ	1.8 UJ
2,4,5-TP	8151A	mg/kg	0.012 U	0.014 U	0.012 U	0.011 U	0.01 U	0.01 U	0.0092 U

Notes:

U - Not Detected - The associated number indicates approximate sample concentration necessary to be detected.

J - Analyte Present - Reported value may not be accurate or precise.

D - Analyte Present - Results reported from diluted analysis.

B - Not Detected - Not detected substantially above the level reported in the laboratory or field blanks.

R - Unusable Results - Analyte may or may not be present in the sampling.

UJ - Not Detected - Quantitation limit may be inaccurate or imprecise.

K - Analyte Present - Reported value may be biased high. Actual value is expected to be lower.

L - Analyte Present - Reported value may be biased low. Actual value is expected to be higher.

N - Consider Present - Tentative identification. Special methods may be needed to confirm its presence or absence in future sampling efforts.

ND - Denotes none detected.

NA - Denotes not applicable.

Table 10J

Summary of Soil Analytical Results
AOC 4 - Conrail Fuel Spill Area
General Chemical Corporation
Delaware Valley Works Facility
Claymont, Delaware

Parameters	Method	Units	Sample Identification and Date Sampled				
			BCF-A (0.0'-0.5')	BCF-A Field Dup (0.0'-0.5')	BCF-A(R) (0.0'-0.5')	BCF-B (0.0'-0.5')	BCF-B(R) (0.0'-0.5')
			11/22/2002	11/22/2002	12/10/2002	11/22/2002	12/10/2002
Semivolatile Organic Compounds							
Acenaphthene	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
Acenaphthylene	8270C	ug/kg	230 J	420 J	NA	500 UJ	NA
Acetophenone	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
2-Acetylaminofluorene	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
4-Aminobiphenyl	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
Aniline	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
Anthracene	8270C	ug/kg	330 J	420 J	NA	350 J	NA
Aramite	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
Benzo(a)anthracene	8270C	ug/kg	800 J	220 J	NA	870 J	NA
Benzo(a)pyrene	8270C	ug/kg	820 J	250 J	NA	990 J	NA
Benzo(b)fluoranthene	8270C	ug/kg	1100 J	320 J	NA	1400 J	NA
Benzo(ghi)perylene	8270C	ug/kg	870 J	420 J	NA	910 J	NA
Benzo(k)fluoranthene	8270C	ug/kg	1100 J	260 J	NA	1200 J	NA
Benzoic Acid	8270C	ug/kg	1200 UJ	1100 UJ	NA	1200 UJ	NA
Benzyl alcohol	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
Bis(2-Chloroethoxy)methane	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
Bis(2-Chloroethyl)ether	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
Bis(2-Chloroisopropyl)ether	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
Bis(2-Ethylhexyl)phthalate	8270C	ug/kg	370 J	420 J	NA	360 J	NA
4-Bromophenyl-phenylether	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
Butylbenzylphthalate	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
Carbazole	8270C	ug/kg	470 UJ	220 J	NA	500 UJ	NA
4-Chloro-3-methylphenol	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
4-Chloroaniline	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
Chlorobenzilate	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
2-Chloronaphthalene	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
2-Chlorophenol	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
4-Chlorophenyl-phenylether	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
Chrysene	8270C	ug/kg	1100 J	310 J	NA	1200 J	NA
o-Cresol	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
m,p-Cresol	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
Di-n-butylphthalate	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
Di-n-octylphthalate	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
Diallate	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
Dibenz(a,h)anthracene	8270C	ug/kg	270 J	420 J	NA	300 J	NA
Dibenzofuran	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
1,2-Dichlorobenzene	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
1,3-Dichlorobenzene	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
1,4-Dichlorobenzene	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
3,3'-Dichlorobenzidine	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
2,4-Dichlorophenol	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
2,6-Dichlorophenol	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
Diethylphthalate	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA

See notes at end of table.

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Table 10J
(Continued)

Parameters	Method	Units	Sample Identification and Date Sampled				
			BCF-A (0.0'-0.5')	BCF-A Field Dup (0.0'-0.5')	BCF-A(R) (0.0'-0.5')	BCF-B (0.0'-0.5')	BCF-B(R) (0.0'-0.5')
			11/22/2002	11/22/2002	12/10/2002	11/22/2002	12/10/2002
7,12-Dimethylbenz(A)anthracene	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
Dimethoate	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
a,a-Dimethylphenethylamine	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
p-Dimethylaminoazobenzene	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
3,3'-Dimethylbenzidine	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
2,4-Dimethylphenol	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
Dimethylphthalate	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
4,6-Dinitro-2-methylphenol	8270C	ug/kg	940 UJ	850 UJ	NA	990 UJ	NA
1,3-Dinitrobenzene	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
2,4-Dinitrophenol	8270C	ug/kg	940 UJ	850 UJ	NA	990 UJ	NA
2,4-Dinitrotoluene	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
2,6-Dinitrotoluene	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
Dinoseb	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
Diphenylamine	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
Disulfoton	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
Ethyl methanesulfonate	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
Famphur	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
Fluoranthene	8270C	ug/kg	1500 J	610 J	NA	1600 J	NA
Fluorene	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
Hexachlorobenzene	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
Hexachlorobutadiene	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
Hexachlorocyclopentadiene	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
Hexachloroethane	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
Hexachlorophene	8270C	ug/kg	3800 UJ	3400 UJ	NA	4000 UJ	NA
Hexachloropropene	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
Indeno(1,2,3-cd)pyrene	8270C	ug/kg	730 J	420 J	NA	800 J	NA
Isodrin	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
Isophorone	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
Isosafrole	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
Kepone ✓	8270C	ug/kg	470 R ✓	420 R ✓	NA	500 R ✓	NA
Methapyrilene	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
Methyl methanesulfonate	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
Methyl parathion	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
3-Methylcholanthrene	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
2-Methylnaphthalene	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
N-nitrosodi-n-butylamine	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
N-nitrosodi-n-propylamine	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
N-nitrosodiethylamine	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
N-nitrosodimethylamine	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
N-nitrosodiphenylamine	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
N-nitrosomethylethylamine	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
N-nitrosomorpholine	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
N-nitrosopiperidine	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
N-nitrosopyrrolidine	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
Naphthalene	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
1,4-Naphthoquinone	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
1-Naphthylamine	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
2-Naphthylamine	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA

See notes at end of table.

Table 10J
(Continued)

Parameters	Method	Units	Sample Identification and Date Sampled				
			BCF-A (0.0'-0.5')	BCF-A Field Dup (0.0'-0.5')	BCF-A(R) (0.0'-0.5')	BCF-B (0.0'-0.5')	BCF-B(R) (0.0'-0.5')
			11/22/2002	11/22/2002	12/10/2002	11/22/2002	12/10/2002
5-Nitro-o-toluidine	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
2-Nitroaniline	8270C	ug/kg	940 UJ	850 UJ	NA	990 UJ	NA
3-Nitroaniline	8270C	ug/kg	940 UJ	850 UJ	NA	990 UJ	NA
4-Nitroaniline	8270C	ug/kg	940 UJ	850 UJ	NA	990 UJ	NA
Nitrobenzene	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
2-Nitrophenol	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
4-Nitrophenol	8270C	ug/kg	940 UJ	850 UJ	NA	990 UJ	NA
4-Nitroquinoline-1-oxide	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
Parathion	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
Pentachlorobenzene	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
Pentachloroethane	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
Pentachloronitrobenzene	8270C	ug/kg	1200 UJ	1100 UJ	NA	1200 UJ	NA
Pentachlorophenol	8270C	ug/kg	940 UJ	850 UJ	NA	990 UJ	NA
Phenacetin	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
Phenanthrene	8270C	ug/kg	790 J	280 J	NA	700 J	NA
Phenol	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
1,4-Phenylenediamine	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
Phorate	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
2-Picoline	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
Pronamide	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
Pyrene	8270C	ug/kg	1200 J	480 J	NA	1300 J	NA
Pyridine	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
Safrole	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
1,2,4,5-Tetrachlorobenzene	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
2,3,4,6-Tetrachlorophenol	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
Tetraethyl Dithiopyrophosphate	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
Thionazine	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
o-Toluidine	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
1,2,4-Trichlorobenzene	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
2,4,5-Trichlorophenol	8270C	ug/kg	940 UJ	850 UJ	NA	990 UJ	NA
2,4,6-Trichlorophenol	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
0,0,0-Triethylphosphorothioate	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
1,3,5-Trinitrobenzene	8270C	ug/kg	470 UJ	420 UJ	NA	500 UJ	NA
Semivolatile TICs							
Unknown	8270C	ug/kg	19180 NJ	28650 NJ	NA	18300 NJ	NA
Unknown hydrocarbon	8270C	ug/kg	830 NJ	760 NJ	NA	12900 NJ	NA
Unknown PAH	8270C	ug/kg	990 NJ	4000 NJ	NA	1100 NJ	NA
Volatile Organic Compounds							
1,1,1,2-Tetrachloroethane	8260	ug/kg	NA	5.1 U	4.95 U	NA	5.75 U
1,1,1-Trichloroethane (Methyl chloroform)	8260	ug/kg	NA	5.1 U	4.95 U	NA	5.75 U
1,1,2,2-Tetrachloroethane	8260	ug/kg	NA	5.1 U	4.95 U	NA	5.75 U
1,1,2-Trichloroethane	8260	ug/kg	NA	5.1 U	4.95 U	NA	5.75 U
1,1-Dichloroethane	8260	ug/kg	NA	5.1 U	4.95 U	NA	5.75 U
1,1-Dichloroethene (Dichloroethylene)	8260	ug/kg	NA	5.1 U	4.95 U	NA	5.75 U
1,2,3-Trichloropropane	8260	ug/kg	NA	5.1 U	4.95 U	NA	5.75 U
1,2-Dibromo-3-chloropropane (DBCP)	8260	ug/kg	NA	5.1 U	4.95 U	NA	5.75 U
1,2-Dibromoethane (Ethylene dibromide)	8260	ug/kg	NA	5.1 U	4.95 U	NA	5.75 U
1,2-Dichloroethane (Ethylene dichloride)	8260	ug/kg	NA	5.1 U	4.95 U	NA	5.75 U

See notes at end of table.

Table 10J
(Continued)

Parameters	Method	Units	Sample Identification and Date Sampled				
			BCF-A (0.0'-0.5')	BCF-A Field Dup (0.0'-0.5')	BCF-A(R) (0.0'-0.5')	BCF-B (0.0'-0.5')	BCF-B(R) (0.0'-0.5')
			11/22/2002	11/22/2002	12/10/2002	11/22/2002	12/10/2002
1,2-Dichloropropane	8260	ug/kg	NA	5.1 U	4.95 U	NA	4.95 U
1,4-Dioxane	8260	ug/kg	NA	255 R	247.5 R	NA	287.5 R
2-Butanone (Methyl ethyl ketone)	8260	ug/kg	NA	10.2 U	9.9 U	NA	11.5 U
2-Hexanone	8260	ug/kg	NA	10.2 U	9.9 U	NA	11.5 U
2-Methyl-1-propanol (iso-Butyl alcohol)	8260	ug/kg	NA	255 R	247.5 R	NA	287.5 R
4-Methyl-2-pentanone (MIBK)	8260	ug/kg	NA	10.2 U	9.9 U	NA	11.5 U
Acetone (2-Propanone, Dimethyl ketone)	8260	ug/kg	NA	65.5 U	65.4	NA	44.1
Acetonitrile (Methyl cyanide)	8260	ug/kg	NA	102 R	99 R	NA	11.5 R
Acrolein (2-Propenal)	8260	ug/kg	NA	20.4 R	19.8 R	NA	23 R
Acrylonitrile (2-Propenenitrile)	8260	ug/kg	NA	20.4 R	19.8 R	NA	23 R
Allyl chloride (3-Chloropropene)	8260	ug/kg	NA	10.2 U	9.9 U	NA	11.5 U
Benzene	8260	ug/kg	NA	5.1 U	4.95 U	NA	5.75 U
Bromodichloromethane	8260	ug/kg	NA	5.1 U	4.95 U	NA	5.75 U
Bromoform	8260	ug/kg	NA	5.1 U	4.95 U	NA	5.75 U
Bromomethane (Methyl bromide)	8260	ug/kg	NA	5.1 U	4.95 U	NA	5.75 U
Carbon disulfide	8260	ug/kg	NA	5.1 U	4.95 U	NA	5.75 U
Carbon tetrachloride	8260	ug/kg	NA	5.1 U	4.95 U	NA	5.75 U
Carbazole	8260	ug/kg	NA	NA	NA	NA	NA
Chlorobenzene	8260	ug/kg	NA	5.1 U	4.95 U	NA	5.75 U
Chloroethane	8260	ug/kg	NA	5.1 U	4.95 U	NA	5.75 U
Chloroform	8260	ug/kg	NA	5.1 U	4.95 U	NA	5.75 U
Chloromethane (Methyl chloride)	8260	ug/kg	NA	5.1 U	4.95 U	NA	5.75 U
Chloroprene (2-Chloro-1,3-butadiene)	8260	ug/kg	NA	5.1 U	4.95 U	NA	5.75 U
cis-1,3-Dichloropropene	8260	ug/kg	NA	5.1 U	4.95 U	NA	5.75 U
Dibromo-chloromethane	8260	ug/kg	NA	5.1 U	4.95 U	NA	5.75 U
Dibromomethane (Methylene bromide)	8260	ug/kg	NA	5.1 U	4.95 U	NA	5.75 U
Dichlorodifluoromethane (Freon 12)	8260	ug/kg	NA	5.1 U	4.95 R	NA	5.75 R
Ethyl methacrylate (2-Propenoic acid)	8260	ug/kg	NA	10.2 U	9.9 U	NA	11.5 U
Ethylbenzene	8260	ug/kg	NA	5.1 U	4.95 U	NA	5.75 U
Iodomethane (Methyl iodide)	8260	ug/kg	NA	5.1 U	4.95 U	NA	5.75 U
m,p-Xylene	8260	ug/kg	NA	5.1 U	4.95 U	NA	5.75 U
Methacrylonitrile	8260	ug/kg	NA	102 R	99 R	NA	115 R
Methyl methacrylate	8260	ug/kg	NA	10.2 U	9.9 U	NA	11.5 U
Methylene chloride (Dichloromethane)	8260	ug/kg	NA	5.1 Uj	4.95 UJ	NA	5.75 UJ
o-Xylene	8260	ug/kg	NA	5.1 UJ	4.95 U	NA	5.75 U
Propionitrile (Ethyl cyanide)	8260	ug/kg	NA	20.4 R	19.8 R	NA	23 R
Styrene	8260	ug/kg	NA	5.1 U	4.95 U	NA	5.75 U
Tetrachloroethene (Perchloroethylene)	8260	ug/kg	NA	5.1 U	4.95 U	NA	5.75 U
Toluene	8260	ug/kg	NA	5.1 U	4.95 U	NA	5.75 U
trans-1,2-Dichloroethene	8260	ug/kg	NA	5.1 U	4.95 U	NA	5.75 U
trans-1,3-Dichloropropene	8260	ug/kg	NA	5.1 U	4.95 U	NA	5.75 U
trans-1,4-Dichloro-2-butene	8260	ug/kg	NA	5.1 U	4.95 U	NA	5.75 U
Trichloroethene (Trichloroethylene)	8260	ug/kg	NA	5.1 U	4.95 U	NA	5.75 U
Trichlorofluoromethane (Freon 11)	8260	ug/kg	NA	5.1 U	4.95 U	NA	5.75 U
Vinyl acetate	8260	ug/kg	NA	10.2 U	9.9 U	NA	11.5 U
Vinyl chloride (Chloroethene)	8260	ug/kg	NA	5.1 U	4.95 U	NA	5.75 U
Volatile TICs							
Hexanal	8260	ug/kg	NA	ND	5.3 NJ	NA	ND
Unknown cyclic hydrocarbon	8260	ug/kg	NA	ND	70.9 NJ	NA	ND

See notes at end of table.

Table 10J
(Continued)

Notes:

- U - Not Detected - The associated number indicates approximate sample concentration necessary to be detected.
- J - Analyte Present - Reported value may not be accurate or precise.
- D - Analyte Present - Results reported from diluted analysis.
- B - Not Detected - Not detected substantially above the level reported in the laboratory or field blanks.
- R - Unusable Results - Analyte may or may not be present in the sampling.
- UJ - Not Detected - Quantitation limit may be inaccurate or imprecise.
- K - Analyte Present - Reported value may be biased high. Actual value is expected to be lower.
- L - Analyte Present - Reported value may be biased low. Actual value is expected to be higher.
- N - Consider Present - Tentative identification. Special methods may be needed to confirm its presence or absence in future sampling efforts.
- ND - Denotes none detected.
- NA - Denotes not applicable.

Table 10K
 Summary of Soil Analytical Results
 QA/QC (Aqueous) Rinsate and Trip Blanks
 General Chemical Corporation
 Delaware Valley Works Facility
 Clayton, Delaware

Parameters	Method	Units	Sample Identification and Date Sampled							
			Rinsate Blank 11/20/2002	Rinsate Blank 11/21/2002	Rinsate Blank 11/22/2002	Rinsate Blank 12/10/2002	Rinsate Blank 12/11/2002	Rinsate Blank 12/11/2002	Rinsate Blank 12/12/2002	Rinsate Blank 1/23/2003
General Chemistry										
Cyanide (Total)	9010B/9014	mg/kg	0.005 U	0.005 U	NA	NA	0.005 U	0.005 U	0.005 U	0.005 U
pH	9045	pH	4.78	5.53	5.69	NA	7.48	7.23	8	5.26
Metals										
Antimony	6010B	mg/kg	0.005 U	0.005 U	0.005 U	NA	0.00053 U	0.0032 J	0.005 U	0.0004 U
Arsenic	6010B	mg/kg	0.005 U	0.0028 B	0.00021 U	NA	0.0027 B	0.0049 B	0.005 U	0.0025 B
Barium	6010B	mg/kg	0.00026 B	0.01 U	0.00015 B	NA	0.00029 J	0.056	0.02 J	0.00004 U
Beryllium	6010B	mg/kg	0.001 U	0.001 U	0.001 U	NA	0.00019 B	0.00033 B	0.001 U	0.001 U
Cadmium	6010B	mg/kg	0.001 U	0.001 U	0.001 U	NA	0.00023 U	0.0006 B	0.001 U	0.00007 U
Chromium	6010B	mg/kg	0.005 U	0.005 U	0.00082 B	NA	0.0012 B	0.0011 B	0.00007 U	0.00041 B
Cobalt	6010B	mg/kg	0.005 U	0.005 U	0.005 U	NA	0.005 U	0.00016 U	0.005 U	0.005 U
Copper	6010B	mg/kg	0.00038 J	0.00025 U	0.00038 U	NA	0.0013 B	0.0024 B	0.00022 U	0.0012 B
Lead	6010B	mg/kg	0.0017 B	0.00068 U	0.00021 U	NA	0.00004 U	0.002 U	0.002 U	0.002 U
Mercury	7471	mg/kg	0.0002 U	0.000014 U	0.000094 U	NA	0.0002 U	0.0002 U	0.0002 U	0.000012 U
Nickel	6010B	mg/kg	0.0014 B	0.01 U	0.00045 B	NA	0.00022 U	0.00087 J	0.00023 U	0.0018 B
Selenium	6010B	mg/kg	0.005 U	0.005 U	0.0013 U	NA	0.0012 U	0.00049 U	0.005 U	0.0026 B
Silver	6010B	mg/kg	0.001 U	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.00025 U	0.001 U
Thallium	6010B	mg/kg	0.00028 U	0.0013 U	0.0031 J	NA	0.00069 U	0.0032 J	0.0065 B	0.0014 U
Tin	6010B	mg/kg	0.00095 U	0.05 U	0.0043 J	NA	0.05 U	0.00042 U	0.00049 U	0.0011 U
Vanadium	6010B	mg/kg	0.005 U	0.005 U	0.005 U	NA	0.00077 B	0.0011 B	0.005 U	0.005 U
Zinc	6010B	mg/kg	0.012	0.0017 B	0.0028 B	NA	0.005 J	0.066	0.00038 U	0.00085 B
Pesticides/Herbicides/PCB										
Aldrin	8081	mg/kg	0.05 U	0.05 UJ	NA	NA	0.05 U	0.05 U	0.05 UJ	0.05 U
alpha-BHC	8081	mg/kg	0.05 U	0.05 UJ	NA	NA	0.05 U	0.05 U	0.05 UJ	0.05 U
alpha-Chlordane	8081	mg/kg	0.050 U	0.05 UJ	NA	NA	NA	NA	NA	0.05 U
beta-BHC	8081	mg/kg	0.05 U	0.05 UJ	NA	NA	0.05 U	0.05 U	0.05 UJ	0.05 U
delta-BHC	8081	mg/kg	0.05 U	0.05 UJ	NA	NA	0.05 U	0.05 U	0.05 UJ	0.07
Endrin ketone	8081	mg/kg	0.10 U	0.1 UJ	NA	NA	NA	NA	NA	0.1 U
gamma-BHC	8081	mg/kg	0.05 U	0.05 UJ	NA	NA	0.05 U	0.05 U	0.05 UJ	0.05 U
gamma-Chlordane	8081	mg/kg	0.050 U	0.050 UJ	NA	NA	NA	NA	NA	0.05 U
Technical Chlordane	8081	mg/kg	0.5 U	0.5 UJ	NA	NA	0.5 U	0.5 U	0.5 UJ	0.5 U
2,4-D	8151A	mg/kg	0.2 U	0.2 UJ	NA	NA	0.2 U	0.21 U	0.21 U	0.18 J
4,4'-DDD	8081	mg/kg	0.1 U	0.1 UJ	NA	NA	0.1 U	0.1	0.1 UJ	0.1 U
4,4'-DDE	8081	mg/kg	0.1 U	0.1 UJ	NA	NA	0.1 U	0.1 U	0.1 UJ	0.1 U
4,4'-DDT	8081	mg/kg	0.1 U	0.1 UJ	NA	NA	0.1 U	0.1 U	0.1 UJ	0.1 U
Dieldrin	8081	mg/kg	0.1 U	0.1 UJ	NA	NA	0.1 U	0.1 U	0.1 UJ	0.1 U
Endosulfan I	8081	mg/kg	0.05 U	0.05 UJ	NA	NA	0.05 U	0.05 U	0.05 UJ	0.05 U
Endosulfan II	8081	mg/kg	0.1 U	0.1 UJ	NA	NA	0.1 U	0.1 U	0.1 UJ	0.1 U
Endosulfan sulfate	8081	mg/kg	0.1 U	0.1 UJ	NA	NA	0.1 U	0.1 U	0.1 UJ	0.1 U
Endrin	8081	mg/kg	0.1 U	0.1 UJ	NA	NA	0.1 U	0.1 U	0.1 UJ	0.1 U
Endrin aldehyde	8081	mg/kg	0.1 U	0.1 UJ	NA	NA	0.1 U	0.1 U	0.1 UJ	0.1 U
Heptachlor	8081	mg/kg	0.05 U	0.05 UJ	NA	NA	0.05 U	0.05 U	0.05 UJ	0.05 U
Heptachlor Epoxide	8081	mg/kg	0.05 U	0.05 UJ	NA	NA	0.05 U	0.05 U	0.05 UJ	0.05 U
Methoxychlor	8081	mg/kg	0.5 U	0.5 UJ	NA	NA	0.5 U	0.5 U	0.5 UJ	0.5 U

See notes at end of table.

Table 10K
(Continued)

Parameters	Method	Units	Sample Identification and Date Sampled							
			Rinsate Blank 11/20/2002	Rinsate Blank 11/21/2002	Rinsate Blank 11/22/2002	Rinsate Blank 12/10/2002	Rinsate Blank 12/11/2002	Rinsate Blank 12/11/2002	Rinsate Blank 12/12/2002	Rinsate Blank 1/23/2003
2,4,5-T	8151A	mg/kg	0.08 U	0.08 UJ	NA	NA	0.08 U	0.08 U	0.08 U	0.08 U
Toxaphene	8081	mg/kg	1 U	1 UJ	NA	NA	1 U	1 U	1 UJ	1 U
2,4,5-TP	8151A	mg/kg	0.08 U	0.08 UJ	NA	NA	0.08 U	0.08 U	0.08 U	0.08 U
Semivolatile Organic Compounds										
Acenaphthene	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 UJ
Acenaphthylene	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 UJ
Acetophenone	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 UJ
2-Acetylaminofluorene	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 UJ
4-Aminobiphenyl	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 UJ
Aniline	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 UJ
Anthracene	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 UJ
Aramite	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 UJ
Benzo(a)anthracene	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 UJ
Benzo(a)pyrene	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 UJ
Benzo(b)fluoranthene	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 UJ
Benzo(ghi)perylene	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 UJ
Benzo(k)fluoranthene	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 UJ
Benzoinic Acid	8270C	ug/kg	25 U	25 U	25 U	NA	25 U	25 U	25 U	26 UJ
Benzyl alcohol	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 UJ
Bis(2-Chloroethoxy)methane	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 UJ
Bis(2-Chloroethyl)ether	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 UJ
Bis(2-Chloroisopropyl)ether	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 UJ
Bis(2-Ethylhexyl)phthalate	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 UJ
4-Bromophenyl-phenylether	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 UJ
Butylbenzylphthalate	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 UJ
Carbazole	8270C	ug/kg	10 U	10 U	10 U	NA	NA	NA	NA	10 UJ
4-Chloro-3-methylphenol	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 UJ
4-Chloroaniline	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 UJ
Chlorobenzilate	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 UJ
2-Chloronaphthalene	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 UJ
2-Chlorophenol	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 UJ
4-Chlorophenyl-phenylether	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 UJ
Chrysene	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 UJ
o-Cresol	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 UJ
m,p-Cresol	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 UJ
Di-n-butylphthalate	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 UJ
Di-n-octylphthalate	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 UJ
Diallate	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 UJ
Dibenz(a,h)anthracene	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 UJ
Dibenzofuran	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 UJ
1,2-Dichlorobenzene	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 UJ
1,3-Dichlorobenzene	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 UJ
1,4-Dichlorobenzene	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 UJ
3,3'-Dichlorobenzidine	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 UJ
2,4-Dichlorophenol	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 UJ
2,6-Dichlorophenol	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 UJ
Diethylphthalate	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 UJ
7,12-Dimethylbenz(A)anthracene	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 UJ

See notes at end of table.

Table 10K
(Continued)

Parameters	Method	Units	Sample Identification and Date Sampled							
			Rinsate Blank 11/20/2002	Rinsate Blank 11/21/2002	Rinsate Blank 11/22/2002	Rinsate Blank 12/10/2002	Rinsate Blank 12/11/2002	Rinsate Blank 12/11/2002	Rinsate Blank 12/12/2002	Rinsate Blank 12/12/2002
Dimethoate	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 U
a,a-Dimethylphenethylamine	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 U
p-Dimethylaminoazobenzene	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 U
3,3'-Dimethylbenzidine	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 U
Dimethylphthalate	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 U
4,6-Dinitro-2-methylphenol	8270C	ug/kg	25 U	25 U	25 U	NA	25 UJ	25 UJ	25 U	25 UJ
1,3-Dinitrobenzene	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 U
2,4-Dinitrophenol	8270C	ug/kg	25 U	25 U	25 U	NA	25 UJ	25 UJ	25 U	25 UJ
2,4-Dinitrotoluene	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 U
2,6-Dinitrotoluene	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 U
Dinoseb	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 U
Diphenylamine	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 U
Disulfoton	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 U
Ethyl methanesulfonate	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 U
Famphur	8270C	ug/kg	10 UJ	10 UJ	10 UJ	NA	10 U	10 U	10 U	10 UJ
Fluoranthene	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 U
Fluorene	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 U
Hexachlorobenzene	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 U
Hexachlorobutadiene	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 U
Hexachlorocyclopentadiene	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 U
Hexachloroethane	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 U
Hexachlorophene	8270C	ug/kg	80 U	80 U	80 U	NA	84 R	84 R	82 R	410 R
Hexachloropropene	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 UJ
Indeno(1,2,3-cd)pyrene	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 UJ
Isodrin	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 UJ
Isophorone	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 UJ
Isosafrole	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 UJ
Kepone	8270C	ug/kg	10 R	10 R	10 R	NA	10 R	10 R	10 R	10 R
Methapyrilene	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 UJ
Methyl methanesulfonate	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 UJ
Methyl parathion	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 UJ
3-Methylcholanthrene	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 UJ
2-Methylnaphthalene	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 UJ
N-nitrosodi-n-butylamine	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 UJ
N-nitrosodi-n-propylamine	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 UJ
N-nitrosodiethylamine	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 UJ
N-nitrosodimethylamine	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 UJ
N-nitrosodiphenylamine	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 UJ
N-nitrosomethylethylamine	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 UJ
N-nitrosomorpholine	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 UJ
N-nitrosopiperidine	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 UJ
N-nitrosopyrrolidine	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 UJ
Naphthalene	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 UJ
1,4-Naphthoquinone	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 UJ
1-Naphthylamine	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 UJ
2-Naphthylamine	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 UJ
5-Nitro-o-toluidine	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 UJ

See notes at end of table.

Table 10K
(Continued)

Parameters	Method	Units	Sample Identification and Date Sampled								
			Rinsate Blank 11/20/2002	Rinsate Blank 11/21/2002	Rinsate Blank 11/22/2002	Rinsate Blank 12/10/2002	Rinsate Blank 12/11/2002	Rinsate Blank 12/11/2002	Rinsate Blank 12/12/2002	Rinsate Blank 12/12/2002	Rinsate Blank 1/23/2003
2-Nitroaniline	8270C	ug/kg	25 U	25 U	25 U	NA	25 U	25 U	25 U	25 U	25 UJ
3-Nitroaniline	8270C	ug/kg	25 U	25 U	25 U	NA	25 U	25 U	25 U	25 U	25 UJ
4-Nitroaniline	8270C	ug/kg	25 U	25 U	25 U	NA	25 U	25 U	25 U	25 U	25 UJ
Nitrobenzene	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 U	10 UJ
2-Nitrophenol	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 U	10 UJ
4-Nitrophenol	8270C	ug/kg	25 U	25 U	25 U	NA	25 U	25 U	25 U	25 U	25 UJ
4-Nitroquinoline-1-oxide	8270C	ug/kg	10 U	10 U	10 U	NA	10 R	10 R	10 R	10 R	10 UJ
Parathion	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 U	10 UJ
Pentachlorobenzene	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 U	10 UJ
Pentachloroethane	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 U	10 UJ
Pentachloronitrobenzene	8270C	ug/kg	25 U	25 U	25 U	NA	25 U	25 U	25 U	25 U	25 UJ
Pentachlorophenol	8270C	ug/kg	25 U	25 U	25 U	NA	25 U	25 U	25 U	25 U	25 UJ
Phenacetin	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 U	10 UJ
Phenanthrene	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 U	10 UJ
Phenol	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 U	10 UJ
1,4-Phenylenediamine	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 U	10 UJ
Phorate	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 U	10 UJ
2-Picoline	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 U	10 UJ
Pronamide	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 U	10 UJ
Pyrene	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 U	10 UJ
Pyridine	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 U	10 UJ
Safrole	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 U	10 UJ
1,2,4,5-Tetrachlorobenzene	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 U	10 UJ
2,3,4,6-Tetrachlorophenol	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 U	10 UJ
Tetraethyl Dithiopyrophosphate	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 U	10 UJ
Thionazine	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 U	10 UJ
o-Toluidine	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 U	10 UJ
1,2,4-Trichlorobenzene	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 U	10 UJ
2,4,5-Trichlorophenol	8270C	ug/kg	25 U	25 U	25 U	NA	25 U	25 U	25 U	25 U	25 UJ
2,4,6-Trichlorophenol	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 U	10 UJ
0,0,0-Triethylphosphorothioate	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 U	10 UJ
1,3,5-Trinitrobenzene	8270C	ug/kg	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 U	10 UJ
Semivolatile TICs											
Benzophenone	8270C	ug/kg	ND	ND	ND	NA	ND	ND	1 NJ	ND	
Unknown	8270C	ug/kg	26 NJ	15 NJ	15 NJ	NA	0 NJ	0 NJ	1 NJ	ND	
Unknown phenone isomer	8270C	ug/kg	ND	ND	ND	NA	ND	ND	ND	ND	
Volatile Organic Compounds											
1,1,1,2-Tetrachloroethane	8260	ug/kg	5.00 U	5 U	NA	5 U	ND	5 U	5 U	5 U	
1,1,1-Trichloroethane (Methyl chloroform)	8260	ug/kg	5.00 U	5 U	NA	5 U	ND	5 U	5 U	5 U	
1,1,2,2-Tetrachloroethane	8260	ug/kg	5.00 U	5 U	NA	5 U	ND	5 U	5 U	5 U	
1,1,2-Trichloroethane	8260	ug/kg	5.00 U	5 U	NA	5 U	ND	5 U	5 U	5 U	
1,1-Dichloroethane	8260	ug/kg	5.00 U	5 U	NA	5 U	ND	5 U	5 U	5 U	
1,1-Dichloroethene (Dichloroethylene)	8260	ug/kg	5.00 U	5 U	NA	5 U	ND	5 U	5 U	5 U	
1,2,3-Trichloropropane	8260	ug/kg	5.00 U	5 U	NA	5 U	ND	5 U	5 U	5 U	
1,2-Dibromo-3-chloropropane (DBCP)	8260	ug/kg	5.00 U	5 U	NA	5 U	ND	5 U	5 U	5 U	
1,2-Dibromoethane (Ethylene dibromide)	8260	ug/kg	5.00 U	5 U	NA	5 U	ND	5 U	5 U	5 U	
1,2-Dichloroethane (Ethylene dichloride)	8260	ug/kg	5.00 U	5 U	NA	5 U	ND	5 U	5 U	5 U	
1,2-Dichloropropane	8260	ug/kg	5.00 U	5 U	NA	5 U	ND	5 U	5 U	5 U	

See notes at end of table.

Table 10K
(Continued)

Parameters	Method	Units	Sample Identification and Date Sampled							
			Rinsate Blank 11/20/2002	Rinsate Blank 11/21/2002	Rinsate Blank 11/22/2002	Rinsate Blank 12/10/2002	Rinsate Blank 12/11/2002	Rinsate Blank 12/11/2002	Rinsate Blank 12/12/2002	Rinsate Blank 1/23/2003
1,4-Dioxane	8260	ug/kg	250 R	250 R	NA	250 R	ND	250 R	250 R	250 R
2-Butanone (Methyl ethyl ketone)	8260	ug/kg	10.0 U	10 U	NA	10 U	ND	10 U	10 U	10 U
2-Hexanone	8260	ug/kg	10.0 U	10 U	NA	10 U	ND	10 U	10 U	10 U
2-Methyl-1-propanol (iso-Butyl alcohol)	8260	ug/kg	250 R	250 R	NA	250 R	ND	250 R	250 R	250 R
4-Methyl-2-pentanone (MIBK)	8260	ug/kg	10.0 U	10 U	NA	10 R	ND	10 U	10 U	10 U
Acetone (2-Propanone, Dimethyl ketone)	8260	ug/kg	10.0 J	10 U	NA	10 U	ND	10 U	10 U	10 U
Acetonitrile (Methyl cyanide)	8260	ug/kg	100 R	100 R	NA	100 R	ND	100 R	100 R	100 R
Acrolein (2-Propenal)	8260	ug/kg	20.0 R	20 R	NA	20 R	ND	20 R	20 R	20 R
Acrylonitrile (2-Propenenitrile)	8260	ug/kg	20.0 U	20 U	NA	20 U	ND	20 U	20 U	20 U
Allyl chloride (3-Chloropropene)	8260	ug/kg	10.0 U	10 U	NA	10 U	ND	10 U	10 U	10 U
Benzene	8260	ug/kg	5.00 U	5 U	NA	5 U	ND	5 U	5 U	5 U
Bromodichloromethane	8260	ug/kg	5.00 U	5 U	NA	5 U	ND	5 U	5 U	5 U
Bromoform	8260	ug/kg	5.00 U	5 U	NA	5 U	ND	5 U	5 U	5 U
Bromomethane (Methyl bromide)	8260	ug/kg	5.00 U	5 U	NA	5 U	ND	5 U	5 U	5 U
Carbon disulfide	8260	ug/kg	5.00 U	5 U	NA	5 U	ND	5 U	5 U	5 U
Carbon tetrachloride	8260	ug/kg	5.00 U	5 U	NA	5 U	ND	5 U	5 U	5 U
Carbazole	8260	ug/kg	NA	ND	NA	NA	ND	ND	ND	ND
Chlorobenzene	8260	ug/kg	5.00 U	5 U	NA	5 U	ND	5 U	5 U	5 U
Chloroethane	8260	ug/kg	5.00 U	5 U	NA	5 U	ND	5 U	5 U	5 U
Chloroform	8260	ug/kg	5.00 J	1.70 J	NA	5 U	ND	5 U	5 U	5 U
Chloromethane (Methyl chloride)	8260	ug/kg	5.00 U	5 U	NA	5 U	ND	5 U	5 U	5 U
Chloroprene (2-Chloro-1,3-butadiene)	8260	ug/kg	5.00 U	5 U	NA	5 U	ND	5 U	5 U	5 U
cis-1,3-Dichloropropene	8260	ug/kg	5.00 U	5 U	NA	5 U	ND	5 U	5 U	5 U
Dibromochloromethane	8260	ug/kg	5.00 U	5 U	NA	5 U	ND	5 U	5 U	5 U
Dibromomethane (Methylene bromide)	8260	ug/kg	5.00 U	5 U	NA	5 U	ND	5 U	5 U	5 U
Dichlorodifluoromethane (Freon 12)	8260	ug/kg	5.00 R	5 R	NA	5 R	ND	5 R	5 R	5 R
Ethyl methacrylate (2-Propenoic acid)	8260	ug/kg	10.0 U	10 U	NA	10 U	ND	10 U	10 U	10 U
Ethylbenzene	8260	ug/kg	5.00 U	5 U	NA	5 U	ND	5 U	5 U	5 U
Iodomethane (Methyl iodide)	8260	ug/kg	5.00 U	5 U	NA	5 UJ	ND	5 UJ	5 U	5 U
m,p-Xylene	8260	ug/kg	5.00 J	5 U	NA	5 U	ND	5 U	5 U	5 U
Methacrylonitrile	8260	ug/kg	100 U	100 R	NA	100 U	ND	100 U	100 U	100 U
Methyl methacrylate	8260	ug/kg	10.0 U	10 U	NA	10 U	ND	10 U	10 U	10 U
Methylene chloride (Dichloromethane)	8260	ug/kg	5.00 U	5 U	NA	5 U	ND	5 U	2 J	5 U
o-Xylene	8260	ug/kg	5.00 U	5 U	NA	5 U	ND	5 U	5 U	5 U
Propionitrile (Ethyl cyanide)	8260	ug/kg	20.0 R	20 R	NA	20 U	ND	20 R	20 R	20 R
Styrene	8260	ug/kg	5.00 U	5 U	NA	5 U	ND	5 U	5 U	5 U
Tetrachloroethene (Perchloroethylene)	8260	ug/kg	5.00 U	5 U	NA	5 U	ND	5 U	5 U	5 U
Toluene	8260	ug/kg	5.00 J	6.20 U	NA	5 U	ND	5 U	5 U	5 U
trans-1,2-Dichloroethene	8260	ug/kg	5.00 U	5 U	NA	5 U	ND	5 U	5 U	5 U
trans-1,3-Dichloropropene	8260	ug/kg	5.00 U	5 U	NA	5 U	ND	5 U	5 U	5 U
trans-1,4-Dichloro-2-butene	8260	ug/kg	5.00 U	5 U	NA	5 U	ND	5 U	5 U	5 U
Trichloroethene (Trichloroethylene)	8260	ug/kg	5.00 J	5 U	NA	5 U	ND	5 U	5 U	5 U
Trichlorofluoromethane (Freon 11)	8260	ug/kg	5.00 U	5 U	NA	5 U	ND	5 U	5 U	5 U
Vinyl acetate	8260	ug/kg	10.0 U	10 U	NA	10 U	ND	10 U	10 U	10 U
Vinyl chloride (Chloroethene)	8260	ug/kg	5.00 U	5 U	NA	5 U	ND	5 U	5 U	5 U

See notes at end of table.

Table 10K
(Continued)

Parameters	Method	Units	Sample Identification and Date Sampled							
			Trip Blank 11/19/2002	Trip Blank 11/20/2002	Trip Blank 11/21/2002	Trip Blank 11/22/2002	Trip Blank 12/10/2002	Trip Blank 12/11/2002	Trip Blank 12/12/2002	Trip Blank 1/23/2003
Volatile Organic Compounds										
1,1,1,2-Tetrachloroethane	8260	ug/kg	5.00 U	5 U	5 U	ND	5 U	5 U	5 U	5 U
1,1,1-Trichloroethane (Methyl chloroform)	8260	ug/kg	5.00 U	5 U	5 U	ND	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	8260	ug/kg	5.00 U	5 U	5 U	ND	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	8260	ug/kg	5.00 U	5 U	5 U	ND	5 U	5 U	5 U	.5 U
1,1-Dichloroethane	8260	ug/kg	5.00 U	5 U	5 U	ND	5 U	5 U	5 U	5 U
1,1-Dichloroethene (Dichloroethylene)	8260	ug/kg	5.00 U	5 U	5 U	ND	5 U	5 U	5 U	5 U
1,2,3-Trichloropropane	8260	ug/kg	5.00 U	5 U	5 U	ND	5 U	5 U	5 U	5 U
1,2-Dibromo-3-chloropropane (DBCP)	8260	ug/kg	5.00 U	5 U	5 U	ND	5 U	5 U	5 U	5 U
1,2-Dibromoethane (Ethylene dibromide)	8260	ug/kg	5.00 U	5 U	5 U	ND	5 U	5 U	5 U	5 U
1,2-Dichloroethane (Ethylene dichloride)	8260	ug/kg	5.00 U	5 U	5 U	ND	5 U	5 U	5 U	5 U
1,2-Dichloropropane	8260	ug/kg	5.00 U	5 U	5 U	ND	5 U	5 U	5 U	5 U
1,4-Dioxane	8260	ug/kg	250 R	250 R	250 R	ND	250 R	250 R	250 U	250 R
2-Butanone (Methyl ethyl ketone)	8260	ug/kg	10.0 U	10 U	10 U	ND	10 U	10 U	10 U	10 U
2-Hexanone	8260	ug/kg	10.0 U	10 U	10 U	ND	10 U	10 U	10 U	10 U
2-Methyl-1-propanol (iso-Butyl alcohol)	8260	ug/kg	250 R	250 R	250 R	ND	250 R	250 R	250 R	250 R
4-Methyl-2-pentanone (MIBK)	8260	ug/kg	10.0 U	10 U	10 U	ND	10 R	10 U	10 U	10 U
Acetone (2-Propanone, Dimethyl ketone)	8260	ug/kg	10.0 U	10 U	10 U	ND	10 U	10 U	10 U	10 U
Acetonitrile (Methyl cyanide)	8260	ug/kg	100 R	100 R	100 R	ND	100 R	100 R	100 R	100 R
Acrolein (2-Propenal)	8260	ug/kg	20.0 R	20 R	20 R	ND	20 R	20 R	20 R	20 R
Acrylonitrile (2-Propenenitrile)	8260	ug/kg	20.0 U	20 U	20 U	ND	20 U	20 U	20 U	20 U
Allyl chloride (3-Chloropropene)	8260	ug/kg	10.0 U	10 U	10 U	ND	10 U	10 U	10 U	10 U
Benzene	8260	ug/kg	5.00 U	5 U	5 U	ND	5 U	5 U	5 U	5 U
Bromodichloromethane	8260	ug/kg	5.00 U	5 U	5 U	ND	5 U	5 U	5 U	5 U
Bromoform	8260	ug/kg	5.00 U	5 U	5 U	ND	5 U	5 U	5 U	5 U
Bromomethane (Methyl bromide)	8260	ug/kg	5.00 U	5 U	5 U	ND	5 U	5 U	5 U	5 U
Carbon disulfide	8260	ug/kg	5.00 U	5 U	5 U	ND	5 U	5 U	5 U	5 U
Carbon tetrachloride	8260	ug/kg	5.00 U	5 U	5 U	ND	5 U	5 U	5 U	5 U
Carbazole	8260	ug/kg	NA	ND	ND	ND	NA	NA	NA	NA
Chlorobenzene	8260	ug/kg	5.00 U	5 U	5 U	ND	5 U	5 U	5 U	5 U
Chloroethane	8260	ug/kg	5.00 U	5 U	5 U	ND	5 U	5 U	5 U	5 U
Chloroform	8260	ug/kg	5.00 U	5 U	5 U	ND	5 U	5 U	5 U	5 U
Chloromethane (Methyl chloride)	8260	ug/kg	5.00 U	5 U	5 U	ND	5 U	5 U	5 U	5 U
Chloroprene (2-Chloro-1,3-butadiene)	8260	ug/kg	5.00 U	5 U	5 U	ND	5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene	8260	ug/kg	5.00 U	5 U	5 U	ND	5 U	5 U	5 U	5 U
Dibromochloromethane	8260	ug/kg	5.00 U	5 U	5 U	ND	5 U	5 U	5 U	5 U
Dibromomethane (Methylene bromide)	8260	ug/kg	5.00 U	5 U	5 U	ND	5 U	5 U	5 U	5 U
Dichlorodifluoromethane (Freon 12)	8260	ug/kg	5.00 R	5 R	5 R	ND	5 R	5 R	5 R	5 R
Ethyl methacrylate (2-Propenoic acid)	8260	ug/kg	10.0 U	10 U	10 U	ND	10 U	10 U	10 U	10 U
Ethylbenzene	8260	ug/kg	5.00 U	5 U	5 U	ND	5 U	5 U	5 U	5 U
Iodomethane (Methyl iodide)	8260	ug/kg	5.00 U	5 U	5 U	ND	5 UJ	5 UJ	5 U	5 U
m,p-Xylene	8260	ug/kg	5.00 U	5 U	5 U	ND	5 U	5 U	5 U	5 U
Methacrylonitrile	8260	ug/kg	100 U	100 R	100 R	ND	100 U	100 U	100 U	100 U
Methyl methacrylate	8260	ug/kg	10.0 U	10 U	10 U	ND	10 U	10 U	10 U	10 U
Methylene chloride (Dichloromethane)	8260	ug/kg	5.00 U	5 U	5 U	ND	5 U	5 U	2.5 J	5 U
o-Xylene	8260	ug/kg	5.00 U	5 U	5 U	ND	5 U	5 U	5 U	5 U
Propionitrile (Ethyl cyanide)	8260	ug/kg	20.0 R	20 R	20 R	ND	20 U	20 R	20 R	20 R
Styrene	8260	ug/kg	5.00 U	5 U	5 U	ND	5 U	5 U	5 U	5 U

See notes at end of table.

Table 10K
(Continued)

Parameters	Method	Units	Sample Identification and Date Sampled							
			Trip Blank 11/19/2002	Trip Blank 11/20/2002	Trip Blank 11/21/2002	Trip Blank 11/22/2002	Trip Blank 12/10/2002	Trip Blank 12/11/2002	Trip Blank 12/12/2002	Trip Blank 1/23/2003
Tetrachloroethylene (Perchloroethylene)	8260	ug/kg	5.00 U	5 U	5 U	ND	5 U	5 U	5 U	5 U
Toluene	8260	ug/kg	5.00 U	6.20	5 U	ND	5 U	5 U	5 U	5 U
trans-1,2-Dichloroethene	8260	ug/kg	5.00 U	5 U	5 U	ND	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	8260	ug/kg	5.00 U	5 U	5 U	ND	5 U	5 U	5 U	5 U
trans-1,4-Dichloro-2-butene	8260	ug/kg	5.00 U	5 U	5 U	ND	5 U	5 U	5 U	5 U
Trichloroethene (Trichloroethylene)	8260	ug/kg	5.00 U	5 U	5 U	ND	5 U	5 U	5 U	5 U
Trichlorofluoromethane (Freon 11)	8260	ug/kg	5.00 U	5 U	5 U	ND	5 U	5 U	5 U	5 U
Vinyl acetate	8260	ug/kg	10.0 U	10 U	10 U	ND	10 U	10 U	10 U	10 U
Vinyl chloride (Chloroethylene)	8260	ug/kg	5.00 U	5 U	5 U	ND	5 U	5 U	5 U	5 U

Notes:

U - Not Detected - The associated number indicates approximate sample concentration necessary to be detected.

J - Analyte Present - Reported value may not be accurate or precise.

D - Analyte Present - Results reported from diluted analysis.

B - Not Detected - Not detected substantially above the level reported in the laboratory or field blanks.

R - Unusable Results - Analyte may or may not be present in the sampling.

UJ - Not Detected - Quantitation limit may be inaccurate or imprecise.

K - Analyte Present - Reported value may be biased high. Actual value is expected to be lower.

L - Analyte Present - Reported value may be biased low. Actual value is expected to be higher.

N - Consider Present - Tentative identification. Special methods may be needed to confirm its presence or absence in future sampling efforts.

ND - Denotes none detected.

NA - Denotes not applicable.

Table 11
Summary of Groundwater Analytical Results
General Chemical Corporation
Delaware Valley Works Facility
Claymont, Delaware

Parameters	Method	Units	Sample Identification and Date Sampled											
			MW-101 2/7/2003	MW-102 2/4/2003	MW-102 Dup 2/4/2003	MW-103 2/5/2003	MW-104 2/5/2003	MW-104 Dup 2/5/2003	MW-105 2/6/2003	MW-106 2/6/2003	MW-107 2/7/2003	MW-108 2/6/2003	MW-109 2/6/2003	MW-110 2/6/2003
General Chemistry														
Cyanide (Total)	9010B/9014	mg/l	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.0054	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
pH (laboratory)	9040	pH	5.83 L	6.11	6.12	6.86	6.4	6.51	4.63	4.65 L	3.28 L	4.79 L	4.97	6.09
Metals														
Antimony (Dissolved)	6010B	mg/l	0.005 U	0.0031 J	0.0005 U	0.005 U	0.00007 U	0.001 J	0.0027 J	0.0011 J	0.0091	0.39	0.048	0.18
Antimony (Total)	6010B	mg/l	0.005 UJ	0.0036 J	0.0038 J	0.005 U	0.005 U	0.0033 J	0.0022 UJ	0.038 J	0.77 J	0.054	0.18	
Arsenic (Dissolved)	6010B	mg/l	0.0019 B	0.013 B	0.016 B	0.00035 U	0.034 K	0.03 B	0.0027 B	0.11	0.013 B	45	10	1.7
Arsenic (Total)	6010B	mg/l	0.012 B	0.035	0.036	0.0093 B	0.045 K	0.044 K	0.0095 B	0.055 L	0.86 L	49 L	10	1.4
Barium (Dissolved)	6010B	mg/l	0.028	0.026	0.024	0.067	0.1	0.099	0.03	0.02	0.049	0.29	0.011 J	0.02 J
Barium (Total)	6010B	mg/l	0.071 J	0.18	0.18	0.11	0.12	0.12	0.096	0.096 J	1.5 J	0.72 J	0.045	0.022
Beryllium (Dissolved)	6010B	mg/l	0.00069 B	0.00033 B	0.00008 B	0.001 U	0.0019 B	0.0019 B	0.0063	0.0011	0.0084	0.0011	0.00022 B	0.001 U
Beryllium (Total)	6010B	mg/l	0.0014 B	0.0017 B	0.0018 B	0.00064 B	0.0028 B	0.0027 B	0.0096	0.0023 B	0.019	0.0013 B	0.00035 B	0.001 U
Cadmium (Dissolved)	6010B	mg/l	0.015	0.011	0.011	0.00024 U	0.001 U	0.001 U	0.013	0.0099	0.023	0.012	0.0042 B	0.0023 B
Cadmium (Total)	6010B	mg/l	0.016	0.012	0.012	0.00017 U	0.0008 B	0.00027 B	0.013	0.011	0.04	0.015	0.0052	0.0027 B
Chromium (Dissolved)	6010B	mg/l	0.0032 B	0.0017 B	0.0011 B	0.017	0.0048 B	0.0044 B	0.0024 B	0.0064	0.059	0.014	0.0055	0.0044 J
Chromium (Total)	6010B	mg/l	0.04 J	0.066	0.071	0.051	0.023	0.023	0.027	0.066 J	0.75 J	0.028 J	0.016	0.0005 B
Cobalt (Dissolved)	6010B	mg/l	0.012	0.12	0.12	0.0035 B	0.013 K	0.012 K	0.2	0.14	0.15	0.11	0.026	0.055
Cobalt (Total)	6010B	mg/l	0.017	0.14	0.14	0.011 K	0.016 K	0.015 K	0.21	0.15	0.31	0.12	0.026	0.05
Copper (Dissolved)	6010B	mg/l	0.0056 B	0.028	0.029	0.0037 B	0.0025 B	0.0024 B	0.35	0.19	3.1	0.52	0.00089 B	0.0044 B
Copper (Total)	6010B	mg/l	0.018 J	0.36	0.38	0.015	0.0086 J	0.0076	0.85	0.28 J	9.3 J	1.4 J	0.095	0.0094 J
Lead (Dissolved)	6010B	mg/l	0.002 B	0.0039 B	0.0043 B	0.0013 B	0.00052 U	0.0016 B	0.0036 J	0.021	0.0054 B	3.9	0.002 U	0.011
Lead (Total)	6010B	mg/l	0.034 L	0.12	0.12	0.012	0.0045 B	0.0058 B	0.016	0.032 L	0.66 L	9.5 L	0.03	0.04
Mercury (Dissolved)	7470	mg/l	0.0002 U	5.3E-05 UL	0.0002 UL	0.0002 UL	0.0002 UL	0.0002 UL	0.0002 U	0.00044	0.0002 U	0.0065	1.2E-05 U	9.3E-05 U
Mercury (Total)	7470	mg/l	0.00014 UJ	0.00031 L	0.00022 L	0.0002 UL	0.0002 UL	0.0002 UL	2.9E-05 U	0.00082 J	0.0011 J	0.015 J	9.4E-05 U	0.00019 U
Nickel (Dissolved)	6010B	mg/l	0.052	0.023	0.022	0.013 J	0.0073 B	0.007 B	0.13	0.069	0.32	0.18	0.081	0.017 J
Nickel (Total)	6010B	mg/l	0.071 J	0.067	0.07	0.035	0.016 J	0.014	0.15	0.1 J	0.69 J	0.19 J	0.086	0.015 J
Selenium (Dissolved)	6010B	mg/l	0.0019 B	0.0003 U	0.0023 B	0.006 B	0.00091 U	0.00071 B	0.0046 B	0.0017 J	0.014	0.016	0.0083 B	0.00018 U
Selenium (Total)	6010B	mg/l	0.0035 B	0.0058 B	0.007 B	0.0063 B	0.0029 B	0.0021 B	0.0056 B	0.0088 B	0.027	0.028	0.011 B	0.0012 U
Silver (Dissolved)	6010B	mg/l	0.0001 U	0.001 U	0.00026 U	0.001 U	0.00014 U	0.001 U	0.00024 U	0.00052 J	0.0006 B	0.007	0.001 U	0.001 U
Silver (Total)	6010B	mg/l	0.00024 U	0.001 U	0.001 U	0.001 U	0.001	0.001 U	0.00018 U	0.0041	0.019	0.001 U	0.001 U	0.001 U
Thallium (Dissolved)	200.9	mg/l	0.002 U	0.002 UL	0.002 UL	0.002 UL	0.002 UL	0.002 UL	0.002 UL	0.002 U	0.002 U	0.157	0.0039 L	0.0440 L
Thallium (Total)	200.9	mg/l	0.002 UL	0.002 UL	0.002 UL	0.002 UL	0.002 UL	0.002 UL	0.002 UL	0.002 UL	0.002 UL	0.176 L	0.0048 L	0.0523 L
Tin (Dissolved)	6010B	mg/l	0.0012 U	0.0013 U	0.00087 U	0.0027 U	0.0001 U	0.05 U	0.0014 U	0.00022 J	0.0035 U	0.037 J	0.0032 U	0.002 U
Tin (Total)	6010B	mg/l	0.0029 U	0.0033 U	0.003 U	0.05 U	0.0015 U	0.00098 J	0.0032 U	0.0038 U	0.017 B	0.09	0.0074 J	0.0031 U
Vanadium (Dissolved)	6010B	mg/l	0.0014 B	0.00073 B	0.00047 B	0.0035 B	0.0041 B	0.0039 B	0.0019 B	0.0027 J	0.044	0.021	0.0079 J	0.00084 B
Vanadium (Total)	6010B	mg/l	0.029	0.053	0.058	0.028	0.023	0.023	0.03	0.051	0.83	0.039	0.02	0.00086 B
Zinc (Dissolved)	6010B	mg/l	0.12	2	2	0.097 K	0.011 K	0.023 K	2.9	1.6	4.3	8.4	0.69	0.92
Zinc (Total)	6010B	mg/l	0.16 J	2.3	2.3	0.11 K	0.025 K	0.023 K	3	1.7 J	5.5 J	9.5 J	0.7	0.96
Pesticides/PCBs/Herbicides														
Aldrin	8081	ug/l	0.056 U	0.55 UJ	0.55 UJ	0.13 U	0.053 U	0.051 U	0.056 U	0.058 U	0.058 U	0.042 J	0.051 U	0.051 UJ
alpha-BHC	8081	ug/l	0.056 U	23.1 J	19.2 J	0.13 U	0.081 U	0.092 U	0.059 B	0.54 D	0.1	0.0526 U	0.047 B	0.046 B
alpha-Chlordane	8081	ug/l	0.112 U	1.09 UJ	1.1 UJ	0.256 U	0.106 U	0.101 U	0.111 U	0.116 U	0.116 U	0.1050 U	0.102 U	0.102 UJ
beta-BHC	8081	ug/l	0.062	5.9 J	3.9 J	1.6 U	0.037 J	0.036 J	0.055 J	0.18 J	0.061	0.053 U	0.051 U	0.051 UJ
delta-BHC	8081	ug/l	0.053 B	6.7 B	5.8 B	0.064 J	0.037 J	0.079 U	0.12 B	0.25 B	0.058 U	0.041 B	0.037 B	0.051 UJ
gamma-BHC	8081	ug/l	0.056 U	8.4 J	7.3 J	0.13 U	0.053 U	0.051 U	0.056 U	0.095 R	0.043 J	0.053 U	0.051 U	0.051 UJ

See notes at end of table.

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Table 11
(Continued)

Parameters	Method	Units	Sample Identification and Date Sampled											
			MW-101 2/7/2003	MW-102 2/4/2003	MW-102 Dup 2/4/2003	MW-103 2/5/2003	MW-104 2/5/2003	MW-104 Dup 2/5/2003	MW-105 2/6/2003	MW-106 2/6/2003	MW-107 2/7/2003	MW-108 2/6/2003	MW-109 2/6/2003	MW-110 2/6/2003
Pesticides/PCBs/Herbicides														
gamma-Chlordane	8081	ug/l	0.112 U	1.09 UJ	1.1 UJ	0.256 U	0.106 U	0.101 U	0.111 U	0.116 U	0.116 U	0.105 U	0.102 U	0.102 UJ
Technical Chlordane	8081	ug/l	0.56 U	5.5 UJ	5.5 UJ	1.3 U	0.53 U	0.51 U	0.56 U	0.58 U	0.58 U	0.53 U	0.51 U	0.51 UJ
2,4-D	8151A	ug/l	0.13 R	8.2 K	7.8 J	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.25 B	0.32 B	0.22 U	0.21 U
4,4'-DDD	8081	ug/l	0.11 U	1.1 UJ	1.1 UJ	0.26 U	0.11 U	0.1 U	0.11 U	0.12 U	1.1	0.11 U	0.1 U	0.1 UJ
4,4'-DDE	8081	ug/l	0.11 U	1.1 UJ	1.1 UJ	0.26 U	0.11 U	0.1 U	0.11 U	0.12 U	0.23	0.11 U	0.1 U	0.1 UJ
4,4'-DDT	8081	ug/l	0.11 U	0.82 J	1.1 UJ	0.26 U	0.11 U	0.1 U	0.11 U	0.12 U	1.1	0.073 J	0.1 U	0.1 UJ
Dieldrin	8081	ug/l	0.11 U	1.1 UJ	1.1 UJ	0.26 U	0.11 U	0.1 U	0.11 U	0.12 U	0.12 U	0.11 U	0.1 U	0.1 UJ
Endosulfan I	8081	ug/l	0.056 U	0.55 UJ	0.55 UJ	0.13 U	0.053 U	0.051 U	0.056 U	0.058 U	0.058 U	0.053 U	0.051 U	0.051 UJ
Endosulfan II	8081	ug/l	0.11 U	1.1 UJ	1.1 UJ	0.26 U	0.11 U	0.1 U	0.11 U	0.12 U	0.12 U	0.11 U	0.1 U	0.1 UJ
Endosulfan sulfate	8081	ug/l	0.11 U	1.1 UJ	1.1 UJ	0.26 U	0.11 U	0.1 U	0.11 U	0.12 U	0.12 U	0.11 U	0.1 U	0.1 UJ
Endrin	8081	ug/l	0.11 U	1.1 UJ	1.1 UJ	0.26 U	0.11 U	0.1 U	0.11 U	0.13 J	0.12 U	0.11 U	0.1 U	0.1 UJ
Endrin aldehyde	8081	ug/l	0.112 U	1.1 UJ	1.1 UJ	0.26 U	0.11 U	0.1 U	0.11 U	0.116 U	0.116 U	0.105 U	0.1 U	0.1 UJ
Endrin ketone	8081	ug/l	0.11 U	1.09 UJ	1.1 UJ	0.256 U	0.106 U	0.101 U	0.111 U	0.12 U	0.12 U	0.11 U	0.102 U	0.102 UJ
Heptachlor	8081	ug/l	0.056 U	0.55 UJ	0.55 UJ	0.13 U	0.053 U	0.051 U	0.056 U	0.058 U	0.058 U	0.053 U	0.051 U	0.051 UJ
Heptachlor Epoxide	8081	ug/l	0.056 U	0.55 UJ	0.55 UJ	0.13 U	0.053 U	0.051 U	0.056 U	0.058 U	0.058 U	0.053 U	0.051 U	0.051 UJ
methoxychlor	8081	ug/l	0.56 U	5.5 UJ	5.5 UJ	1.3 U	0.53 U	0.51 U	0.56 U	0.58 U	0.58 U	0.53 U	0.51 U	0.51 UJ
2,4,5-T	8151A	ug/l	0.08 U	0.044 U	0.11 J	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 UJ	0.08 U	0.08 U
Toxaphene	8081	ug/l	1.1 U	11 UJ	11 UJ	2.6 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U	1 U	1 UJ
2,4,5-TP	8151A	ug/l	0.08 U	0.15 R	0.15 J	0.08 U	0.094 J	0.13	0.08 U	0.045 J	0.08 U	0.052 J	0.08 U	0.08 UJ
Semivolatile Organic Compounds														
Acenaphthene	8270C	ug/l	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	5.8	10 U	10 U	10 U	10 U
Acenaphthylene	8270C	ug/l	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetophenone	8270C	ug/l	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Acetylaminofluorene	8270C	ug/l	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Aminobiphenyl	8270C	ug/l	10 U	10 U	10 U	10 UJ	10 UJ	4.5 J	6.5 J	10 U	10 U	10 U	10 U	10 U
Aniline	8270C	ug/l	10 U	10 U	10 U	10 UJ	10 UJ	3.3 J	4.5 J	10 U	10 U	10 U	10 U	10 U
Anthracene	8270C	ug/l	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Aramite	8270C	ug/l	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benz(a)anthracene	8270C	ug/l	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benz(a)pyrene	8270C	ug/l	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benz(b)fluoranthene	8270C	ug/l	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benz(ghi)perylene	8270C	ug/l	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benz(k)fluoranthene	8270C	ug/l	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzoc Acid	8270C	ug/l	25 U	25 U	25 U	25 UJ	25 UJ	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Benzyl alcohol	8270C	ug/l	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bis(2-Chloroethoxy)methane	8270C	ug/l	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bis(2-Chloroethyl)ether	8270C	ug/l	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bis(2-Chloroisopropyl)ether	8270C	ug/l	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bis(2-Ethylhexyl)phthalate	8270C	ug/l	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	4 J	10 U	10 U
4-Bromophenyl-phenylether	8270C	ug/l	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Butylbenzylphthalate	8270C	ug/l	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloro-3-methylphenol	8270C	ug/l	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 R	10 U	10 U
4-Chloroaniline	8270C	ug/l	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chlorobenzilate	8270C	ug/l	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U

See notes at end of table.